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MANUAL

FOR THE

MEDICAL DEPARTMENT

1896

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MANUAL

FOR THE

MEDICAL DEPARTMENT.

COMPILED UNDER THE DIRECTION OF THE
U.S. SURGEON GENERAL.

PUBLISHED BY AUTHORITY OF THE SECRETARY OF WAR,

FOR

USE IN THE ARMY OF THE UNITED STATES.

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WAR DEPARTMENT,

Document No. 17.

OFFICE OF THE SURGEON GENERAL.

WAR DEPARTMENT, *June 26, 1896.*

This Manual for the Medical Department is published for the information and guidance of all concerned; it will not be modified except by specific authority given in each case.

JOSEPH B. DOE,
Acting Secretary of War.

TABLE OF CONTENTS.

	Paragraphs.
Appointments	1–5
Army Medical School	6–10
Assignment of Medical Officers	11–14
Examinations for Promotion	15
Chief Surgeons	16, 17
Hospital Corps	18–29
Field Equipment Hospital Corps	30–33
Instruction in First Aid	34, 35
Hospital Matrons	36
Ambulance Service	37–39
Hospital Buildings	40–42
Army and Navy General Hospital	43–64
Service of Hospitals	65–67
Hospital Fund	68–71
Medical Attendance	72–74
Medical Supplies	75–103
Unserviceable Property	104–106
Use of Medical Property	107–146
Army Medical Museum	147
Reports and Returns	148–152
Record Books	153
Supply Depots	154, 155
Information Slips	156
Register of Patients	157–162
Field Register	163–170
Report of Sick and Wounded	171–174
Nomenclature of Diseases	175–176
Certificates of Disability	178
Examination of Recruits	179–213
Artificial Limbs	214
Blank Forms	215
Geneva Convention	216
Supply Table	217–224
Furniture and Appliances for Operating Room	225
Composition of Tablets	226
Bottles and Jars contained in Dispensing Set	227
Contents of Cases, Library, Chests, etc	228–279

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MANUAL FOR THE MEDICAL DEPARTMENT.

APPOINTMENTS.

(See A. R. 1394, 1395.)

1. Appointments of assistant surgeons are made by the President, after the applicant has passed a successful examination before a Medical Examining Board and has been recommended by the Surgeon General. Permission to appear before the board is obtained by letter to the Secretary of War, which must be in the handwriting of the applicant, giving the date and place of his birth and the place and State of which he is a permanent resident, and inclosing certificates based on personal acquaintance from at least two reputable persons as to his citizenship, character, and habits. The candidate must be a citizen of the United States, between twenty-two and twenty-nine years of age, of sound health and good character, and a graduate of some regular medical college, in evidence of which his diploma will be submitted to the board. The scope of the examination will include the morals, habits, physical and mental qualifications of the candidate, and his general aptitude for service; and the board will report unfavorably should it have a reasonable doubt in any of these particulars.

2. The physical examination must be thorough, and each candidate will be required to certify *that he labors under no mental or physical infirmity or disability which can interfere with the efficient discharge of any duty which may be required.* Errors of refraction, when not excessive, and not accompanied by ocular disease, and when correctible by appropriate glasses, are not causes for rejection.

3. The mental examinations are conducted by both written and oral questions, upon—

(*a*) Elementary branches of a common school education, including arithmetic, the history and geography of the United

States, physics, general literature, and ancient and modern history. Candidates claiming special knowledge of the higher mathematics, ancient or modern languages, drawing, analytical chemistry or branches of natural science, will be examined in these subjects as accomplishments, and will receive due credit therefor according to their proficiency.

(*b*) Professional branches, including anatomy, physiology, chemistry, hygiene, pathology and bacteriology, therapeutics and materia medica, surgery, practice of medicine, obstetrics, and the diseases of women and children.

(*c*) Examinations in clinical medicine and surgery will be conducted at the bedside; operations and demonstrations on the cadaver will also be required.

(*d*) Hospital training and practical experience in the practice of medicine, surgery, and obstetrics are essential to candidates seeking admission to the Medical Corps of the Army, who will be expected to present evidence that they have had at least one year's hospital experience, or the equivalent of this in practice.

4. To save unnecessary expense to candidates, those who so desire may have a preliminary physical examination and a mental examination in the elementary branches of a common school education by a medical officer stationed most conveniently for this purpose, who will act under instructions from the Medical Examining Board.

5. The merits of the candidates in each of the several branches, and also their relative merit as evinced by the results obtained from the entire examination, will be reported by the board, and in accordance with this report approved candidates will be appointed to existing vacancies, or to such as may occur within two years thereafter. A candidate failing in one examination may be allowed a second after one year, but not a third.

ARMY MEDICAL SCHOOL.

6. The Army Medical School at Washington, D. C., is governed by special regulations, and will have the following organization:

(1) The faculty, which will consist of four or more professors selected from the senior officers of the Medical Department

stationed in or near the city of Washington, and such associate professors as may be required. The senior officer will be president, and the junior, secretary of the faculty.

(2) The student officers, who will be those medical officers who have been appointed since the last preceding term of the school, and such others as may be authorized to attend. (A. R. 468.)

7. The course of instruction will be for four months, and will be given annually at the Army Medical Museum, in Washington, D. C., commencing on the first Monday of November. It will include lectures on and practical instruction in—

(*a*) The duties of medical officers in war and peace.

(*b*) Military surgery, the care of the wounded in time of war, and hospital administration.

(*c*) Military hygiene.

(*d*) Military medicine.

(*e*) Microscopy, sanitary and clinical; pathological histology, bacteriology, and urinology.

(*f*) Hospital corps drill, and first aid to wounded.

8. By permission of the Surgeon General, medical officers of the Army who desire to avail themselves of the course of instruction, and who are stationed in or near the city of Washington, or who have a leave of absence which enables them to attend the course, may be admitted as pupils.

EXAMINATIONS.

9. At the termination of the course of instruction the student officers will be examined by the several professors, and their relative proficiency in each branch will be reported by the president of the faculty to the Secretary of War, through the Surgeon General.

REGULATIONS.

10. (*a*) The president of the faculty will be responsible for the discipline of the school.

(*b*) The junior professor will act as secretary, and will be responsible for all property pertaining to the school.

(*c*) A faculty meeting will be held in the office of the secretary on the first Monday of each month from October to

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March, inclusive, and whenever called by the president of the faculty or the Surgeon General.

(*d*) Resolutions adopted by the faculty relating to the course of instruction, the purchase of books and instruments, etc., will be submitted to the Surgeon General for his approval.

(*e*) The president of the faculty will submit to the Surgeon General on or before the first day of April of each year, a detailed report of the condition of the Army Medical School, including an account of the instruction given and the proficiency of the several student officers, as shown by an examination made by each professor at the termination of his course.

(*f*) The hours of instruction will be from 9 to 12 a. m., and from 1 to 4 p. m., daily, during the months of November, December, January, and February, inclusive, with the exception of Saturdays, Sundays, legal holidays, and the week commencing December 25.

(*g*) Student officers will be required to be present during the hours designated unless specially excused by the president of the faculty or by orders from the War Department.

(*h*) When necessarily absent on account of sickness or other emergency, student officers will, as soon as practicable, send a written statement to the secretary of the faculty explaining the reason for such absence.

(*i*) The laboratories and library of the Army Medical School will be open for the use of student officers during the hours of instruction designated.

(*j*) Student officers will be held strictly accountable for all instruments and apparatus issued to them for their personal use during the course of instruction, and for any loss or injury to books or apparatus belonging to the Army Medical School, when such loss or injury is due to carelessness or neglect.

(*k*) Student officers in the Army Medical School, during the hours of instruction, will wear the undress uniform of the grade to which they belong, except when engaged in laboratory work, when a black cambric laboratory gown may be worn.

ASSIGNMENT OF MEDICAL OFFICERS.

(See A. R. 738.)

11. The number of medical officers assigned to duty at a post will, when practicable, be as follows: For a post having as

its garrison a full regiment, three; for a post having as its garrison four companies and regimental headquarters, two; for a post having as its garrison less than four companies, one.

12. The tour of duty for medical officers below the rank of major, at the following stations, will hereafter be two years, which time will be considered as equivalent to a full tour of duty (four years) in the military department in which the several stations are located: Alcatraz Island, California; Fort Brown, Texas; Fort Canby, Washington; Columbus Barracks, Ohio; Fort Columbus, New York; Fort DuChesne, Utah; Eagle Pass, Texas; Fort Hamilton, New York; Fort Mason, California; Fort McIntosh, Texas; Fort Myer, Virginia; Fort Porter, New York; Fort Ringgold, Texas; San Carlos, Arizona; Fort Thomas Kentucky; Fort Trumbull, Connecticut; Fort Wadsworth, New York; Fort Warren, Massachusetts; Washington Barracks, D. C., Washington, D. C.; Fort Wayne, Michigan. This must not be considered an absolute rule, as the interests of the service may frequently call for a change of station within the department or to another department before the regular tour of duty has expired, and circumstances may sometimes make it advisable to extend the tour of duty of a medical officer beyond the time specified.

13. The Surgeon General will recommend the assignment for duty, as attending surgeons in the principal medical centers of the United States, of medical officers who have not yet passed their examinations for promotion to a majority, and, so far as may be practicable, in the order of their seniority. These details will be made for one year only, in order that as many medical officers as possible may be enabled to avail themselves of the opportunities thus offered for making themselves familiar with the practice of the leading physicians and surgeons in this country, and of attending medical lectures, meetings of medical societies, etc. At the end of this tour of duty medical officers are required to make a detailed report to the Surgeon General, showing how much of their time has been occupied by their official duties, and to what extent they have availed themselves of the advantages offered for professional advancement.

14. Medical officers assigned to duty as attending surgeons will select an office hour between the hours of 10 a. m. and 4 p. m., and will remain in their offices during this hour, unless called away by an urgent professional engagement. They will inform all officers on duty, and all retired officers living in the city, of their residence address, of their office hour, and of any changes made in the same; also, of any leave of absence which may be granted them, and of the address of the physician who will attend to their duties while they are absent. They will be careful not to allow anything to interfere with the proper performance of their duties as attending surgeon and examiner of recruits.

EXAMINATIONS FOR PROMOTION.

15. Examinations for promotion will be made under the following heads: (1) Physical condition; (2) character and professional efficiency.

(*a*) When the board finds an officer physically incapacitated for service, it will conclude the examination by finding and reporting the cause which, in its judgment, has produced his disability, and whether such disability was contracted in the line of duty. For the purpose of this inquiry the proceedings of the board will conform to those of a retiring board.

(*b*) When the board finds an officer physically capable, the examination will proceed under the second head. Any evidence submitted as to character will be carefully considered, and such proceedings taken as, in the opinion of the board, the case requires; provided, that an adverse finding shall not be entered until the officer shall have been fully heard in his own behalf.

(*c*) The professional examination of officers not found physically disqualified will be proceeded with by written questions and answers, and will include the following topics:

EXAMINATIONS OF LIEUTENANTS.—(1) First aid and transportation of wounded; (2) hospital and hospital corps administration; (3) Army Regulations, so far as they relate to the Medical Department or to the medical officer as an officer of the Army; (4) general and military hygiene; (5) recent progress in medicine and surgery; (6) subjects in which the officer may have been conditioned at his examination for appointment.

EXAMINATION OF CAPTAINS.—(1) Army Regulations, so far as they relate to the Medical Department or to the medical officer as an officer of the Army; (2) general and military hygiene; (3) clinical medicine, and recent progress in etiology, pathology, and therapeutics; (4) surgery and gynecology, including new operative procedures.

(*d*) The examinations will be practical in character, and the board will report its recommendation of an officer for promotion in the following form: "We find that ——— has the physical, moral, and professional qualifications to perform efficiently all the duties of the grade to which he will next be eligible, and recommend him for promotion thereto."

(*e*) The questions and answers of the written examination will be transmitted with the proceedings of the board. Each record must be signed by every member and by the recorder, and must show the concurrence or nonconcurrence of each member in the opinion of the board. Whenever the board fails to recommend a candidate for promotion, the record will state the cause of such failure. The proceedings will be forwarded to the Surgeon General for the final action of the Secretary of War.

CHIEF SURGEONS.

(See A. R. 196, 1465.)

16. Chief surgeons and other medical officers, when ordered to make an inspection of a post, will examine the members of the hospital corps and company bearers as to their efficiency in the ambulance and litter bearers' drill, and the methods of rendering first aid to the wounded.

17. Chief surgeons will keep the following record books: Letters received, letters sent, indorsements, and orders. They will also keep and turn over to their successors complete files of circulars, requisitions, records of medical officers, returns of the hospital corps, and reports received.

HOSPITAL CORPS.

(See A. R. 1396–1411.)

18. The examination for the positions of acting hospital steward and hospital steward will embrace the following subjects: (1) Arithmetic; (2) materia medica; (3) pharmacy; (4)

care of sick and ward management; (5) minor surgery and first aid; (6) elementary hygiene. Proficiency in penmanship and orthography will be estimated from the papers submitted.

19. The replies, certified to by the board *as having been made without recourse to books, memoranda, or other sources of assistance,* together with the report of the board, will be forwarded directly to the Surgeon General, in whose office they will be examined and marked. The examination for acting hospital steward and hospital steward will embrace the same subjects, but the questions for candidates for the lower grade will be less difficult and comprehensive.

20. The local board will investigate and report upon the following: (1) Physical condition; (2) character and habits, especially as to the use of stimulants and narcotics; (3) discipline and control of men; (4) knowledge of regulations; (5) nursing; (6) dispensary work; (7) clerical work; (8) principles of cooking and mess management; (9) hospital corps drill; (10) minor surgery and first aid, including extraction of teeth.

21. Application for the positions of hospital steward and acting hospital steward must be accompanied by an affidavit that the applicant is *not married,* and should be forwarded through military channels.

22. The duties of hospital stewards and acting hospital stewards are, under the direction of the surgeon, to look after and distribute hospital stores and supplies; to care for hospital property; to compound and administer medicines; to supervise the preparation and serving of food; to maintain discipline in hospitals and watch over their general police; to prepare the required reports and returns; to supervise the duties of the members of the hospital corps in hospital and in the field, and to perform such other duties connected with their positions as may, by proper authority, be required of them.

23. A reexamination before first reenlistment as hospital steward may not be required if the surgeon of the post and chief surgeon state that the steward has performed his duties efficiently, but will be held before second reenlistment. No subsequent reexaminations will ordinarily be required.

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24. Medical officers will not make enlistments or reenlistments for the hospital corps without obtaining special authority, in each case, from the Surgeon General.

25. Those applicants who have graduated in pharmacy, or who have been licensed by State boards of pharmacy, should submit proof thereof, by diploma or otherwise. Trained nurses, or those who have served as such in civil hospitals, should present certificates of their training or service.

26. Slight physical defects in applicants, which, under existing orders, would disqualify for the line, but would not interfere with the *full* performance of the duties of a sanitary soldier *in garrison* or *in the field*, may be waived, provided authority therefor has been obtained from the Surgeon General. Note should be made on the enlistment paper of any special knowledge professed by applicants, as of cooking, gardening, or of a trade or other useful occupation.

27. In stating "character of the soldier, in detail," on the descriptive list of a member of the hospital corps transferred, in addition to his general character as usually given, his habits as to sobriety and his attention to duty will be noted, adding, in case of a hospital steward or acting hospital steward his ability to command men, and in case of a private his special qualifications as nurse, cook, etc. In noting physical condition on descriptive list, any important defects will be mentioned. In each case of transfer from a company of instruction a special report of results of instruction will be made, on information slip, to the surgeon of the new station, to be forwarded through the chief surgeon to the Surgeon General. The following order will be used, estimating each item on the basis of a maximum of 10: (1) Discipline; (2) nursing; (3) first aid; (4) drill; (5) cooking; (6) pharmacy; (7) clerical work; (8) field work; (9) care and management of animals.

28. At posts entitled to an acting hospital steward, where no detail has been made, the allotment of privates may be temporarily increased by one private under instruction for the vacant position.

29. Members of the hospital corps will be instructed by a medical officer of the post, at such times, in addition to those

prescribed in paragraph 34, as the surgeon may deem necessary. This instruction will consist of lectures and demonstrations in the methods of rendering first aid to the sick and wounded, and of drills in the ambulance service, and as litter bearers, in accordance with the drill regulations.

FIELD EQUIPMENT OF MEMBERS OF THE HOSPITAL CORPS.

30. The field equipment to be carried by privates of the hospital corps is as follows: Canteen, canteen strap, haversack, haversack strap, litter sling, waist belt, waist-belt plate, meat can, tin cup, knife, fork, spoon, hospital-corps pouch; when serving as orderly, a medical officer's orderly pouch, instead of the hospital-corps pouch.

31. The field equipment for noncommissioned officers is the same as for privates, with exception of the litter sling and hospital-corps pouch.

32. The articles heretofore carried in the knapsack or blanket bag, together with the overcoat, will be rolled in the piece of shelter tent supplied each soldier, and carried in the transportation wagon. When the soldier is mounted, and no wheel transportation is available, they will be carried on the saddle, as directed in the drill regulations for the cavalry.

33. When detailed for service in the field during Indian wars, or when left with the sick or wounded under circumstances which justify the expectation that their rights as noncombatants, under the Geneva Convention, will not be recognized, commanding officers will issue to members of the hospital corps revolvers or other available firearms. With these exceptions, no side arms will be issued to members of the hospital corps.

INSTRUCTION IN FIRST AID.

(See A. R. 1412, 1413.)

34. Instruction in the duties of litter bearers and the methods of rendering first aid to the sick and wounded will be given to all enlisted men of the Army by their company officers for at least four hours in each month. Company commanders will be supplied by the Surgeon General with the drill regu-

lations for the hospital corps, and the surgeon of the post, under the direction of the post commander, will thoroughly instruct such captains as may volunteer therefor and all lieutenants serving with troops in the professional knowledge required.

35. The instruction necessary to enable company officers to drill the enlisted men of their companies "in the duties of litter bearers and methods of rendering first aid to the sick and wounded" will be given chiefly by practical demonstrations, made in their presence. The prescribed drills of company bearers and of the detachment of the hospital corps will be utilized for this purpose, especial attention being given to the instruction in first aid. The practical demonstrations, accompanied by full explanations, should include methods of arresting hemorrhage, of applying the dressings contained in the first-aid packet, of immobilizing a fractured limb, of resuscitating those apparently drowned, etc., and should be supplemented by lectures designed to convey all essential information with reference to the anatomy of bones and blood vessels; the causes and treatment of syncope and of heat exhaustion; the differential diagnosis and treatment of sunstroke; the rationale of the various measures of first aid to the sick and wounded, etc.

HOSPITAL MATRONS.

(See A. R. 1437.)

36. Washing for the Medical Department not done by a hospital matron is paid for on vouchers (Form No. 4) approved by the Surgeon General.

AMBULANCE SERVICE.

(See A. R. 1414-1419.)

37. The ambulance and hospital service of each independent command will be under the supervision of its chief surgeon. He should make all necessary arrangements for the care and transportation of the wounded, who, during an engagement, will receive attention at the following principal points, and in the following order: (1) with the line of battle under fire; (2) at the first dressing stations; (3) at the ambulance station; (4) at the division, brigade, or field hospitals.

He establishes the ambulance stations in the rear, and gives directions concerning the first dressing stations; details the proper number of privates of the hospital corps, acting hospital stewards, hospital stewards, and medical officers for duty with the advance line, and for the care and transportation of the wounded between the front line, the first dressing stations, the ambulance stations, and the hospitals.

38. First dressing stations will be established at the place nearest to the combatants, where the wounded and those caring for them will not be unnecessarily exposed to fire. Ambulance stations will be established at some place of security in the rear, or in some convenient building near the field of battle. The hospitals will be established by the chief surgeons, after consultation with the commanding general. Dressing stations will be distinguished during the day by red-cross flags, and at night by red lanterns.

39. It shall be the duty of the chief surgeon of an army corps, or other independent command, previous to a march, and previous to and in time of action, or whenever it may be necessary to use the ambulances, to issue the proper orders to his assistants for the distribution and management of the same in collecting the sick and wounded and conveying them to their destination.

HOSPITAL BUILDINGS.

(See A. R. 1424–1430.)

40. New floors in hospitals will not be painted. They may be finished in oil and paraffin, or oil, wax, turpentine, etc., to which coloring matter may be added if deemed necessary. Floors of verandas and porches should be protected by paint.

41. When an allotment of funds for the repair of a hospital or hospital steward's quarter has been made, the officer in charge will be notified of the action by letter from the Surgeon General, the receipt of which will be acknowledged by return mail. Estimates and other papers referring to a hospital must be prepared separately from those for a hospital steward's quarters. On the last day of each month, until the work is completed and so reported, he will advise the Surgeon General,

by information slip, what progress is being made, or if none, the reasons for delay so far as he can ascertain.

42. In every post hospital a room should, if possible, be set aside as an operating room. Special attention should be given at all times to the cleanliness of this room, including its walls and floors, as well as the necessary furniture. A stout table, of suitable size and plain finish, that can be easily scrubbed, should always be in readiness. In this room should be placed all the instruments and dressings, antiseptics, anæsthetics and other appliances that may be needed in an emergency. While always accessible, they should be guarded from handling by irresponsible persons. The Arnold's sterilizer and the boiler of the kitchen stove or range afford ready means for sterilizing instruments, dressings, basins, towels, etc., that may be needed at an operation. At the large permanent posts, if no suitable room is available, plans and estimates should be forwarded for such changes in or addition to the hospital building as will provide a conveniently located operating room. Provision should also be made for a laboratory, in which the chemical and bacteriological sets furnished can be conveniently arranged, so that they may be always ready for use.

ARMY AND NAVY GENERAL HOSPITAL.

43. The Army and Navy General Hospital, Hot Springs, Ark., is under the direction of the Secretary of War, and is devoted to the treatment of the officers and enlisted men of the military and naval service of the United States, and the officers of the Revenue-Cutter Service, and of the Marine-Hospital Service, for such diseases as the waters of the Hot Springs of Arkansas have an established reputation in benefiting.

44. Admission to this hospital is restricted to those of the above-named classes who require medical treatment, in the following order of preference: (1) Officers and enlisted men of the Army, the Navy, and the Marine Corps on the active lists, and Cadets at the Military and Naval Academies; (2) officers and enlisted men of the Army, the Navy, and the Marine Corps on the retired lists; (3) officers of the Revenue-Cutter Service and of the Marine-Hospital Service.

45. The organization of the hospital shall consist of one medical officer of the Army, who will command it, and such other medical officers of the Army and Navy as may be necessary, to be detailed by the Secretary of War or the Secretary of the Navy, respectively; one officer of the Quartermaster's Department, or of the line of the Army as an acting assistant quartermaster, who will also be an acting commissary of subsistence, if required, detailed by the Secretary of War; such noncommissioned officers and men of the hospital corps as may be authorized by the Secretary of War; and such civil employees as may be necessary for the proper service of the hospital.

46. The civil employees not in the classified service will be appointed by the commanding officer, having in view their fitness for the service required. They will be governed by such rules as may be promulgated for the service of the hospital, and they may be discharged by the appointing officer for unfitness, or when their services become unnecessary.

47. Such officers as may be under treatment, when subsisted in the hospital, will be subject to a charge for subsistence not to exceed one dollar and fifty cents per day, to be paid on the last day of each month, or upon leaving the hospital.

48. Military or naval cadets will in like manner pay a subsistence charge at the rate of one dollar per day. Such cadets while patients may have the privilege of the officers' mess, at the discretion of the commanding officer.

49. Should an officer or cadet from any cause (as in case of death) fail to pay an account for subsistence when due, the fact will be immediately reported by the commanding officer to the Surgeon General of the Army, who will certify the fact to the Paymaster General of the Army, to the Surgeon General of the Navy, or to the Secretary of the Treasury, as the case may be, and the proper officers of the War, Navy, or Treasury Departments will take such steps as will promptly secure to the hospital payment of the amounts due.

50. Enlisted men on the active list while under treatment or on duty in the hospital will have the usual allowance of rations commuted at the rate of not less than thirty cents per day,

to be paid by the proper officers of the War or Navy Department, upon the receipt of monthly statements of the amounts due, certified by the Surgeon General of the Army.

51. Enlisted men of the Army on the retired list will pay such charges for subsistence as may from time to time be prescribed in orders, and those of the Navy and Marine Corps will pay similar charges as determined by their equivalent rank.

52. The commanding officer will account monthly to the Surgeon General of the Army for all money received or expended on account of officers and enlisted men.

53. The Surgeon General of the Army will certify monthly to the Surgeon General of the Navy all balances due on account of subsistence furnished to enlisted men of the Navy or Marine Corps on the active list, and to the Commissary General of Subsistence of the Army all balances due on account of subsistence furnished to enlisted men of the Army on the active list, said men in each case being such as have been ordered to the hospital for duty or treatment.

54. Enlisted men of the Army, the Navy, or the Marine Corps admitted to the hospital by proper authority while on furlough will pay for subsistence at the same rate that the rations of the other enlisted men are commuted.

55. Subsistence stores for use in the officers' and enlisted men's messes may be purchased by the commanding officer of the hospital from such officers of the Subsistence Department as the Commissary General of Subsistence may designate.

56. Authority for the admission of an officer of the Army on the active list will be granted on his personal application, through the regular military channels, to the Adjutant General of the Army, for a sick leave of absence, based upon a medical officer's certificate that sets forth the disability for which treatment at this hospital is recommended, and the opinion of the medical officer that such treatment will conduce to the more rapid recovery of the patient. Sick leave of absence to enter the hospital will then be granted.

57. The limit of a permit to enter the hospital is fixed at fourteen days.

58. The officer's continuance in the hospital will be determined by the commanding officer, who will from time to time report to the Adjutant General as to the officer's physical condition, and will express his opinion as to the length of time required for treatment. If this is approved, the sick leave, if the officer has such, will be extended accordingly. Ordinarily, officers on the active list will not remain longer than four months at the hospital, and a special report will be made in the case of an officer who shall be under treatment there six months.

59. Retired officers of the Army may make direct application, accompanied by a medical certificate, to the Adjutant General for permission to enter the hospital. Retired officers may leave the hospital at their discretion, and will not remain there longer than three months without special permission, based on the recommendation of the commanding officer.

60. The accommodations for enlisted men of the Army are allotted among the several military departments. The commanding officer of the hospital will notify department commanders from time to time of the number of vacant beds at their disposal.

61. For the admission of an enlisted man application will be made to the department commander by the man's immediate commanding officer, on the recommendation of the surgeon, which will accompany the application. Should the chief surgeon so advise, the department commander may order the soldier to report to the commanding officer of the hospital for admission for treatment.

62. When in his opinion it is proper, the commanding officer of the hospital will issue the necessary orders for the soldier to rejoin his company or station. Should he be a fit subject for discharge for disability, or should a change of climate be thought necessary, the commanding officer of the hospital will notify the Adjutant General and make such recommendations as he may deem proper, when suitable orders will be issued in the case.

63. In selecting cases for this hospital medical officers will exercise discretion, and will only recommend such as are serious or obstinate and do not promise good results if treated at the post. It is not required to certify that treatment at Hot Springs is *necessary* to restore health, but to establish a reasonable probability that the facilities there will materially aid in the rapidity and permanence of the recovery. Besides the transfer slip, an outline of the history and treatment of the case must accompany each patient.

64. The transfer of venereal cases to the Army and Navy General Hospital, Hot Springs, Ark., is prohibited. In order that patients suffering from venereal diseases may not be permitted to enter this hospital, medical officers will exercise great care in their examination of each case before they forward requests for admission.

SERVICE OF HOSPITALS.

(See A. R. 1435–1449.)

65. When a patient is transferred from the care of one medical officer to another, a report of the case (Form No. 26) will accompany him.

66. Hospital clothing will be worn by patients only during their stay in hospital. Each article will be marked as hospital property. When very sick soldiers are transferred from one hospital to another, the hospital clothing necessary for their comfort may be sent with them, properly invoiced, and accompanied by a check list, giving the names of the men in whose possession it is. Under the provisions of this paragraph, crutches and similar articles may, if necessary, be similarly transferred with the patient from one post or hospital to another.

67. Clothing and other articles which can be immersed in boiling water, or a disinfecting solution, without material injury, should be disinfected and not destroyed by burning. Articles destroyed to prevent contagion must be accounted for by a certificate of the officer responsible, setting forth fully the circumstances necessitating such destruction.

HOSPITAL FUND.

(See A. R. 300, 1259, 1269, 1270.)

68. A statement of the hospital fund and return of durable property in the prescribed form (Form No. 35) will be forwarded by the surgeon at the end of each month and when relieved from duty, to the chief surgeon, who upon examination and approval will forward it to the Surgeon General.

69. Chief surgeons may grant authority for the purchase of articles required for the use of the sick in hospital and for the hospital corps, when satisfied that they are proper charges against the hospital fund. In case of doubt, the request for authority will be referred to the Surgeon General for his action.

70. Officers of the Medical Department will be held to a personal accountability for the loss of any portion of the hospital fund not deposited and locked in the cash box of the hospital safe. Any change in the combination of the lock of the hospital safe will be immediately reported to the Surgeon General.

71. Gratuities to hospital cooks may be authorized by chief surgeons when the amount of the hospital fund on hand justifies such an expenditure, viz:

(*a*) At posts where the number of patients treated in hospital averages less than five daily, ten cents per day; where the number averages more than five daily, twenty cents per day; where the number averages more than ten daily, a gratuity of ten cents per day may also be paid to a second cook.

(*b*) A gratuity of not exceeding ten dollars may be paid from the hospital fund to the hospital gardener, when approved by the Surgeon General.

(*c*) Chief surgeons will instruct the medical officers serving in their respective departments, when granted authority to pay gratuities, to quote on the statement of the hospital fund the date and source of such authority.

MEDICAL ATTENDANCE.

(See A. R. 1450–1459.)

72. The family of an officer will be understood to include his wife, minor children, and other dependent members of his household, including servants.

73. If citizens residing in the neighborhood of a military post desire the professional attendance of an Army medical officer, it is regarded as not inconsistent with the requirements of the regulations governing the Army for such officer to render his services, when this does not interfere with the proper performance of his official duties. But the establishment of an office outside of the limits of a military post for the purpose of engaging in civil practice is prohibited.

74. Civilians employed in post exchanges are held to be entitled to the privileges of medical and hospital attendance and purchase of medicines allowed civilian employees under A. R. 1444, 1445, 1447, and 1450.

MEDICAL SUPPLIES.

(See A. R. 1460, 1461.)

75. Medical officers in charge of medical supply depots will purchase and distribute medical and hospital supplies. In cases of emergency, articles not on hand will be purchased in small quantities to fill duly approved requisitions, without waiting for the approval of the Surgeon General.

76. Medical officers detailed as disbursing officers will pay accounts against the Medical Department, when approved by the Surgeon General. Requests for funds will be sent to the Surgeon General in time to prepare and forward requisitions for the same to the Secretary of War before the 25th day of each month.

77. The Supply Table enumerates the medical supplies issued to the Army, and the quantities and sizes of original packages. The Medical Department will supply, from time to time, new remedies of determined therapeutic value; but newly introduced remedies, desired only for experiment, and such as offer no manifest advantage over those already issued, will not be supplied. These supplies are selected for the *military service*, and it is believed that all necessary articles are included, and that the quantities allowed will be found sufficient under ordinary circumstances. Requests for particular preparations simply because they are agreeable to the taste, or to save trouble in compounding, will not be approved; nor will

preparations of a drug be furnished when one or more practically equivalent ones are on the Supply Table.

REQUISITIONS.

78. The senior medical officer of every post will make annual requisition for medical supplies for the year commencing January 1st, unless another date is fixed by the Surgeon General. The requisition will be made in triplicate and forwarded to the chief surgeon; or, in the case of independent posts, in duplicate, to the Surgeon General.

79. Chief surgeons will see that annual requisitions do not call for any article not on the Supply Table, nor for quantities in excess of those therein allowed. They will forward one copy to the Surgeon General, one, with their approval, direct to the medical supply depot designated by the Surgeon General for issue, and will retain one.

80. Annual requisitions will be forwarded to the chief surgeon within twenty days before the date at which the period they cover begins. They will be made only for articles that are, or probably will be, needed during the year; will state the quantity of all articles on hand, *as verified by a medical officer* in accordance with paragraph 97, and will give the total number of persons entitled by regulations to medicines. Quantities on hand will be deducted from the quantities allowed by the Supply Table. The quantities asked for will be computed on the basis of original packages.

81. Chief surgeons at their inspections will carefully investigate the method of preparing requisitions, particularly as to the necessity for the quantities asked for, and the accuracy with which the quantities on hand are stated.

82. Requisitions for supplies for temporary posts or for those soon to be abandoned will be confined to such articles as are absolutely necessary.

83. Subposts and camps will, in the absence of orders to the contrary, obtain such medical supplies as may be required by requisition upon the senior medical officer of the post to which they are subsidiary, who will issue them after approval by the chief surgeon.

84. The smaller posts will not require all the articles included in the Supply Table, and the local prevalence or rarity of certain diseases, as well as the quantity or number on hand of each article, will be considered in the preparation and approval of requisitions.

85. When medical supplies are absolutely necessary before the annual requisition is made they will be asked for upon a special requisition, in triplicate, giving a list of the articles needed, and the quantity of each on hand, and the reasons for the necessity of such requisition. These will be transmitted through the chief surgeon, who will retain one copy and will forward two to the Surgeon General.

86. Chief surgeons will personally and carefully scrutinize these requisitions, and will make such changes as they may deem proper.

87. In all returns, requisitions, invoices, and receipts pertaining to medical supplies, the nomenclature, order of entry, and classification of the Supply Table will be strictly followed, and all copies will be carefully compared. They will be forwarded without letters of transmittal.

88. In cases of emergency, as sudden epidemics, not admitting of delay, chief surgeons are authorized to act upon special requisitions, forwarding one copy, with their action, to the nearest medical supply depot, one to the Surgeon General, with an indorsement stating the circumstances, and retaining one; but requisitions for articles not on the Supply Table must, in all cases, be forwarded to the Surgeon General for his action.

89. When, as a result of the prevalence of an epidemic, or for any other reason, necessary supplies are likely to be exhausted, timely requisition must be made for additional supplies. Medical officers will be held accountable for any suffering which may result from their failure to ask for supplies when it is evident that they will be needed.

TRANSFER OF MEDICAL SUPPLIES.

90. Officers transferring medical supplies will prepare invoices (Form No. 18) in duplicate, one for the Surgeon General and one for the receiving officer. The receiving officer will

LIBRARY OF THE UNIVERSITY

prepare receipts (Form No. 19) in duplicate, one for the issuing officer and one for the Surgeon General. The vouchers for the Surgeon General will be promptly forwarded after the transfer is completed. A packer's list (Form No. 17) will, if necessary, be furnished by the issuing officer.

91. Great care should be exercised before receipting for cases of instruments, microscopes, and other property of similar character not enumerated on the property papers in detail, to ascertain that the full contents of such cases are present and in good order. Incomplete cases will be so receipted for, and a list of the missing instruments, etc., will accompany the receipt in order that the proper officer may be held accountable for the deficiency.

(*a*) Receipts, without remark, for cases of instruments and similar property will be considered as evidence that they are complete and in accordance with the lists of contents as given in the Supply Table, and the receiving officer will be held responsible in accordance therewith.

(*b*) The issuing officer will enter on his invoices, and the receiving officer on his receipts, the condition of all articles not serviceable.

92. Medical officers will report to the Surgeon General and to the issuing officer all defects observed in the quality, quantity, or packing of medical supplies. They are requested to freely communicate to the Surgeon General any suggestions tending to the improvement of medical supplies, appliances, etc., and to make reports as to new designs of apparatus, field equipment, etc.

ACCOUNTABILITY.

93. When nonexpendable* articles are lost or destroyed the circumstances of the loss or destruction must be fully set forth in a certificate from the officer responsible for the property, or in a certificate of a commissioned officer cognizant of the facts, or, in the absence of these, in an affidavit of a noninterested person. If the evidence is considered satisfactory by the

*The names of all expendable articles are printed in the Supply Table in roman type; those of all nonexpendable articles are in *italics*.

Surgeon General, the responsible officer will be so informed and authorized to drop the articles from his returns. If not satisfactory he will be required to replace them at his own expense.

94. Medical officers will take up and account for all medical property of the Army that comes into their possession, and will report, when possible, to whose account it is to be credited.

95. Surgical instruments and appliances that require and are considered worth repairing will be reported to the Surgeon General through the chief surgeon, with a statement of the repairs needed. When requisition is made to complete a broken or imperfect instrument or apparatus, the name of the maker will be given. Instruments of different makes have been issued, and such information is required to insure the proper pattern and fit of the parts asked for.

96. Officers will be held responsible for the serviceable and complete condition of all property in their possession, except such as may have been rendered unserviceable by fair wear and tear.

97. The responsible officer will cause all instruments in his charge to be examined by a commissioned medical officer at least once each month. He will also once each year cause all medical property in his charge to be carefully examined by a commissioned medical officer, and verified by the returns, invoices, etc.

REPAIR OF FURNITURE.

98. Officers will report to the Surgeon General such articles of furniture as may need and are considered worth repair or renovation by painting, varnishing, etc. This should be done by post labor, if practicable, request being made for authority to purchase necessary material. If not practicable, the officer will obtain one or more estimates in detail of cost of repair or renovation of such furniture, and forward them through the chief surgeon for the action of the Surgeon General.

RETURNS OF MEDICAL PROPERTY.

99. Officers in charge of medical property will prepare annually, on December 31, unless another date is fixed by the

Surgeon General, or when relieved from the charge thereof, returns of medical property (Form No. 20) in duplicate, showing those articles on hand at last return, those received, expended, issued, and sold, and those remaining on hand. The original of this return will be promptly transmitted to the Surgeon General. The duplicate, with a complete set of vouchers, will be retained for the protection of the officer responsible for the property.

100. In exceptional cases a certified invoice may be offered by the issuing officer, in the absence of a receipt, as a substitute for the proper voucher, together with such additional evidence as he may possess in regard to the issue.

101. No interlineations or erasures will be made on the returns, and all articles not provided for in the printed headings will be entered in proper order under the heading of additional articles.

102. Articles issued to posts shall not be taken away by the officer on being relieved, nor when availing himself of a leave of absence, except by authority of the Surgeon General or of a chief surgeon.

103. In invoicing or accounting for broken packages, such as bottles, jars, etc., fractions will be given as ¼, ½, ¾.

UNSERVICEABLE PROPERTY.

104. Duplicate lists of unserviceable property (see A. R. 1463) will be forwarded direct to the Surgeon General.

105. When condemned medical property is sold at public auction the officer responsible therefor will prepare an account of sales (Form No. 9) in duplicate. He will also prepare an invoice (Form No. 10) in duplicate, of the articles sold. The original of this account of sales, accompanied by the original invoice and a copy of the inventory and inspection report, will be sent at once to the Surgeon General; the duplicate copies of each will be filed by the officer with his retained set of vouchers.

106. Medical officers receiving money from the sale of public property will deposit the same, without delay, in the nearest Government depository to the credit of the Treasurer of the

United States, taking duplicate certificates of deposit therefor, the original of which will be forwarded by the depositor, without letter of transmittal, direct to the Secretary of the Treasury, Washington, D. C., and the duplicate retained by him. Should it be necessary to incur any expenses in connection with such sales they will be paid out of the total receipts before depositing the latter, in which case the expenses will be supported by properly prepared and receipted vouchers attached to the account of sales.

USE OF MEDICAL PROPERTY.

107. Medical officers in charge of hospital property will not permit it to be used for other than hospital purposes. (A. R. 1443.)

108. Chief surgeons will report every violation of paragraph 107, but it is not to be construed as prohibiting medical officers from taking books and instruments from the hospital when necessary.

109. Under no circumstances will hospital bedding be used except within the hospital to which it has been supplied; nor will it be used by members of the hospital corps, except when on duty in the wards.

110. Hospital matrons are not entitled to hospital stores, except when prescribed for them as patients; the issue to them of soap or lye for laundry use is not authorized.

111. The issue of articles for use in the preparation of cleaning mixtures, cosmetics, perfumery, use with spirit lamps, etc., is strictly prohibited.

112. The exchange of medicines with druggists is prohibited.

113. Blankets not in use should be frequently examined, and occasionally shaken and hung out of doors. When stained and soiled, but otherwise in good condition, they should be washed and continued in service. When deemed necessary, authority will be given to have them washed at a steam laundry, if one is near the post.

114. Laundry appliances will not be supplied to post hospitals. Washtubs will be furnished for the purpose of soaking sheets, clothing, etc., in disinfecting solutions.

115. Cocoa matting, in strips 1 meter wide, is supplied for use on the floors of halls, and not for use on stairways or in wards. It should be laid in one strip, and zinc ends will be issued as required, two for each strip. It should not be nailed to the floor.

116. Rubber and flexible catheters and bougies will be kept in the catheter box, using talc (French chalk) or glycerin to preserve them.

117. Pieces of canvas of the proper size for litters will be issued as required to replace pieces that may become torn or unserviceable. If soiled, the canvas will be removed from the litter, washed, and replaced.

VACCINE VIRUS.

118. Requests for vaccine virus will be made direct to the Surgeon General by information slip. On account of its liability to become inert from various causes, especially from heat, it will be asked for in such quantities only as are needed for early use.

DISINFECTANTS.

119. The routine issue of disinfectants is prohibited. (A. R. 1462.)

120. Disinfectants are issued, as are medicines, to be used by medical officers when actually required for some specific purpose. Chloride of lime, carbolic acid, and mercuric chloride are issued by the Medical Department for use as disinfectants, properly so called. A solution containing 4 per cent of good chloride of lime, or 5 per cent of carbolic acid, is suitable for disinfecting the excreta of patients with cholera or typhoid fever, or the sputa of patients suffering from diphtheria, scarlet fever, or tuberculosis. The floors, furniture, etc., in rooms occupied by patients suffering from an infectious disease may be washed with a 2 per cent solution of carbolic acid, or with a solution of mercuric chloride of 1-1000. Soiled bed linen, undercloth-ing etc., used by such patients should be immersed in one of the above-mentioned solutions before it is sent to the laundry. *But in the absence of any infectious disease, these disinfecting*

agents are not required, and their expenditure for purposes of general post sanitation is not authorized.

121. Sulphate of iron and other cheap antiseptics and deodorants may be used when necessary. But the necessity for their use is a reproach upon the sanitary police of a post, and should only be required under exceptional circumstances. The alvine discharges of healthy persons do not require disinfection, and when properly disposed of do not require treatment with any chemical agent whatever. If water-closets or earth closets are offensive, this is due to faulty construction, to insufficient supply of water or dry earth, or to neglect of ordinary cleanliness. The attempt to remedy such defects by the systematic use of antiseptics is expensive and unsatisfactory in its results. The same is true of foul drains, bad-smelling urinals, accumulations of garbage, etc. The proper remedy for such conditions is cleanliness and strict sanitary police.

122. When accumulations of organic material undergoing decomposition can not be removed or buried they may be treated with an antiseptic solution, or with freshly burned quicklime. Quicklime is also a valuable disinfectant, and may be substituted for the more expensive chloride of lime for disinfection of typhoid and cholera excreta, etc. For this purpose freshly prepared *milk of lime* should be used, containing about 1 part, by weight, of hydrate of lime to 8 of water.

123. During the prevalence of an epidemic, or when there is reason to believe that infectious material has been introduced from any source, latrines and cesspools may be treated with milk of lime, in the proportion of 5 parts to 100 parts of the contents of the vault, and the daily addition of 10 parts for 100 parts of daily increment of feces.

STERILIZED DRESSINGS.

124. Sterilized dressings will not be issued for post use. Their preparation is so simple and so well understood that they should be prepared as needed. First-aid packets will be reserved exclusively for field use, except those issued for instruction.

FIELD APPLIANCES.

125. Field furniture will not be used at posts, except when required for the instruction of men of the hospital corps.

126. Medical and surgical chests will be frequently inspected and kept in perfect order for immediate field use. Under no circumstances will their contents be used at posts.

127. Field tourniquets and first-aid packets for the equipment of company bearers when serving in the field will be kept by the surgeon of the post until the necessity for such service arises. Before the departure of troops he will issue the required number to each company commander, taking his memorandum receipt therefor. Upon the return of the command the articles will be returned to the surgeon of the post. First-aid packets are expendable. If tourniquets thus issued are lost while in possession of a company commander, report of the fact should be made to the Surgeon General by the medical officer responsible, stating the circumstances of the loss, and requesting authority to drop the missing articles from his returns. If the command while in the field is ordered to another station, the surgeon at this station will, upon its arrival, receive the tourniquets and packets, invoices and receipts being exchanged by the issuing and receiving officers.

128. In time of war every officer and enlisted man will be furnished a first-aid packet by the Medical Department. For purposes of instruction these packets will be obtained by the surgeon of each post, upon special requisitions, and will be supplied by them to company commanders. The allowance for this purpose will be twenty packets for each company of infantry, battery of artillery, or troop of cavalry. The dressings contained in these packets can be used repeatedly for the practical instruction of officers and enlisted men, and after being used for this purpose should be made up into packets of the original form. These packets are expendable, but great care should be exercised to prevent any unnecessary expenditure, and officers will be held strictly accountable for their proper and economical use for the purpose indicated.

CLINICAL THERMOMETERS.

129. Clinical thermometers are issued by the Surgeon General upon request by information slip direct, stating number on hand, and accompanied by a certificate of the medical officer in case of breakage, giving the name of the person who caused such loss and the number of the thermometer.

METEOROLOGICAL INSTRUMENTS.

130. Meteorological instruments are not issued by the Medical Department. When required for use at designated posts they will be obtained by application direct to the Chief of the Weather Bureau, Department of Agriculture, Washington, D. C., specifying explicitly the kind of instruments required. The following will be issued: Maximum and minimum thermometers, rain and snow gauges, and measuring rods. When such instruments are broken or unserviceable the request for new ones will contain a statement setting forth the circumstances attending the breakage, and, if a thermometer, the parts of the instrument will be returned to the office of the Weather Bureau by mail. Receipts for these instruments will be made out by the surgeon of the post on forms forwarded with the instruments, and when relieved from duty at the station he will so notify the Chief of the Weather Bureau, in order that the responsibility for the property may be properly transferred. Meteorological instruments heretofore issued by the Medical Department will be borne upon the property returns until broken or worn out. Such as may be issued by the Weather Bureau will not be taken up on these returns.

131. Meteorological observations will be taken and registers thereof kept at such posts as may be designated by the Surgeon General, to whom a report of the observations (Form No. 29), which shall be a true copy of the register, will be forwarded by the senior medical officer at the end of every month.

WINDOW CURTAINS, SCREENS, AND BOOKCASES.

132. When window curtains and fixtures, window and door screens, and portable bookcases are required, the requisitions

therefor will be special, and should be accompanied by an estimate of cost of making suitable articles at or near the post. Wire netting will be furnished to repair such window and door screens as have become unserviceable.

133. When the present supply of bed screens is exhausted no more will be issued. When required, application will be made to have frames constructed at the post, giving estimate of the cost; they will not in future be covered with holland, but sheets will be placed on the screens and frequently washed.

PRESCRIPTIONS.

(See A. R. 1461.)

134. All prescriptions will be placed on file at the hospital; those for liquors will be placed on a separate file.

CHEMICAL AND BACTERIOLOGICAL SETS.

135. Chemical and bacteriological sets will be issued to the larger posts, and officers to whom these sets are furnished will make an annual report on December 31, showing what use has been made of them.

ABANDONMENT OF POSTS.

136. Unless modified by special instructions from the Surgeon General, the following general rule will be observed in the disposition of medical property upon the abandonment of a post:

(*a*) Medicines, dressings, clothing, bedding, and miscellaneous articles in good and serviceable condition should be sent to other posts in the department.

(*b*) Unserviceable property should be submitted to the action of an inspector, with a view to final disposition by sale or destruction.

(*c*) Only such nonexpendable articles as are in perfect order, including recent medical works, and all instruments which can not be transferred to other posts without unnecessary duplication, should be turned into a medical supply depot.

137. When a post is abandoned or a detachment is broken up, the medical officer will report the fact to the chief surgeon,

and after completing all current reports, will forward them to the Surgeon General, together with the Clothing Book, Descriptive and Deposit Book, and Muster and Pay Rolls, and all official papers, records, and record books pertaining to the Medical Department of the post.

MEDICAL BOOKS AND JOURNALS.

138. Such new books as may be selected by the Surgeon General will be furnished without requisition.

139. The library of the Surgeon General's office is intended for reference rather than for circulation, but books that can be readily replaced will be loaned to medical officers of the Army, they being held responsible for the safe return of the volumes within two weeks from the day of their receipt. In special cases this time may be extended.

140. Medical journals and periodicals issued by the Surgeon General are to be considered as belonging to the hospital or station to which they are sent. They will be kept on file, and medical officers, on taking station, will ascertain that the files are complete. When a post is discontinued a list of journals and periodicals will be sent, through the chief surgeon, to the Surgeon General, who will give directions as to their disposition.

ICE MACHINES.

141. Ice machines are issued to such southern posts as are unable to obtain, by purchase, ice for the use of the sick. They are furnished by the Medical Department to supply ice for the sick in hospital, and not for the comfort or convenience of the garrison at large. They will be accounted for and invoiced in detail.

142. Medical officers will pay special attention to the details of the manufacture of ice, both as to the proper management of the apparatus and to the financial results from the sale of ice, and will be held responsible for the condition of these machines and the results obtained.

143. In order to provide for the maintenance of the apparatus in complete running order, and to promptly pay bills incurred

for repairs, a fund of at least $300 will be kept constantly on hand. When this fund is reduced by necessary expenses, such change will be made in the price at which ice is sold as will speedily restore it to the above minimum amount. The fund will be used for the following purposes only:

(*a*) Running expenses proper, and repairs; fuel, when it can not be otherwise obtained; purchase of oil, ammonia, etc. When renewal of heavy parts of the apparatus is required, application will be made to the Surgeon General to secure their transportation. The purchase and transportation of ammonia in reservoirs will be paid for from the ice fund. Great care will be exercised to obtain such articles in time to allow of their shipment as freight, and not by express, and before the regular working of the apparatus is prevented by their absence.

(*b*) An engineer and one assistant is usually a sufficient force to run an ice machine. No fixed rate can be made as to the compensation of the engineer, that being regulated by circumstances.

(*c*) The detail, on special duty at the ice machine, of one enlisted man is authorized, and he may be paid a gratuity of not exceeding fifty cents per day.

(*d*) The purchase from the ice fund of articles which may be bought from the hospital fund is prohibited. In exceptional cases, authority for a temporary transfer of money from the ice fund to the hospital fund may be obtained by application to the Surgeon General, setting forth fully the reasons for such request; but if given, the authority will not be considered as constituting a precedent for such transfers. Bills incurred will be filed at post as vouchers.

(*e*) Payment for the delivery of ice is not considered to be a proper charge against the fund. If it can not be delivered in a garrison free of expense, it should be issued only when called for at the place of manufacture. Payment for the collection of bills for ice furnished is also unauthorized.

144. The price at which ice is sold will be fixed by the medical officer in charge, subject to the approval of the chief surgeon. It may vary from month to month, according to the amount of and demand upon the ice fund.

145. After freely supplying the hospital, ice should, as a rule, be sold to companies, to officers, to the commissary of the post for the preservation of fresh beef, and to enlisted men and their families, at a certain price; to the post exchange and to quartermaster's employees at a somewhat higher price; and to civilians not in Government employ at a still higher price. The gratuitous issue of ice except to the hospital and to patients entitled to medicines and medical attendance for whom it may be specially prescribed, is unauthorized.

146. When the officer responsible for the fund is relieved from duty, its transfer will be acknowledged by receipts written across the face of the last statement sent to the Surgeon General, and of the one retained at post. The ice machine will be accounted for in accordance with regulations.

ARMY MEDICAL MUSEUM.

(See A. R. 1130.)

147. Medical officers, and others interested in the progress of medical science, are invited to forward contributions to the Army Medical Museum. Besides interesting medical and surgical specimens, the following classes of articles will be collected and forwarded by those medical officers who have opportunities for so doing: (1) Rare pathological specimens from animals, including monstrosities; (2) typical crania of Indian tribes, specimens of their arms, dress, implements, rare articles of their diet, medicines, etc.; (3) specimens of poisonous insects and reptiles, and of their effects on animals.

REPORTS AND RETURNS.

(See A. R. 1464, 1466.)

148. Medical officers will, on the last day of every month, report to the Surgeon General their stations and duties during the month, giving a brief résumé of the service performed by them. They will also immediately report any change in their station and duties, stating the authority therefor, with number, date, and source of order in each case.

149. The senior surgeon of each hospital, post, regiment, or detachment will prepare and forward the following reports:

(*a*) *Daily.*—(1) Report of sick and wounded, for the commanding officer; (2) report of the detachment of the hospital corps, for the commanding officer.

(*b*) *Monthly.*—(1) Sanitary report; (2) report of sick and wounded (Form No. 25), which will be an exact copy of the register of patients, to be made in duplicate on the last day of every month, one to be sent to the chief surgeon and one to the Surgeon General; (3) return of the hospital corps (Form No. 32), to be made in duplicate on the last day of each month, one to be sent to the chief surgeon and one to the Surgeon General direct; (4) monthly statement of the hospital fund and return of durable property (Form No. 35), to be forwarded to the chief surgeon, who will verify its correctness and forward it to the Surgeon General; (5) report of meteorological observations (Form No. 29); (6) report of the physical examination of recruits (Form No. 30); (7) report of station and duty; (8) report of repairs to hospitals and hospital steward's quarters; (9) report of issues and sales of medicines to civilians.

(*c*) *Yearly.*—(1) Returns of medical property; (2) estimates for repairs to hospitals and hospital steward's quarters.

(*d*) *Occasional.*—(1) Report of epidemic diseases; (2) report of record books; (3) list of wounded; (4) report of deaths of officers; (5) report of desertions. In the absence of a medical officer, the officer designated to take charge of medical property (A.R. 659) will sign all property and administrative papers, and the physician who renders professional service will sign papers of a professional character, such as reports of sick and wounded, surgical reports, morning sick reports, etc.

150. On the appearance of the first recognized case of cholera, yellow fever, or other epidemic disease at or near a military post or station, the medical officer in charge will at once report the fact to the chief surgeon and forward a duplicate of his report direct to the Surgeon General. Every medical officer in charge of cholera or yellow-fever patients will, in addition to the usual report of sick and wounded, render in duplicate, at the end of each month, a report (Form No. 27) containing a list of such patients, one of which he will forward to the chief surgeon and the other direct to the Surgeon General. At the close of the epidemic, or of his tour of service at the place, he

will forward, with as little delay as practicable, a history of the epidemic, its origin or importation, its progress and decline, and the methods of treatment or prevention, with results; also results of autopsies.

151. Medical officers will notify local boards of health of any cases of yellow fever, cholera, smallpox or other contagious diseases that may occur at their posts of duty.

152. The death of an officer, physician under contract or hospital steward, will be immediately reported by the attending surgeon or nearest medical officer, to the chief surgeon and the Surgeon General.

RECORD BOOKS.

153. The report of record books pertaining to the Medical Department (Form No. 37) will be forwarded when an officer is relieved from duty or when a post is abandoned. The Descriptive and Deposit Book, the Clothing Book, and the Letter-press Book, will be accounted for on this report. The Letter-press Book is not to be used as an "official record" of letters and indorsements sent. Orders, letters, letters received, and indorsements may be kept in separate books and substituted for the joint Order and Letter book and Letters-received, and Indorsement book. In all record books a statement explanatory of the contents will be pasted on the inside of the front cover; care must be taken that signatures are made in these books wherever necessary. The Medical History of Post must be used exclusively for recording historical events in connection with the post, and for the official indorsements on the report required by paragraph 1393, A.R. Entries in record books will be *continuous* until the books are filled; the date of commencement and of last entry to be noted on the report. In the column of *remarks* note whether or not each book is in use; if not state the reason. If all record books are not on hand, requisition for a complete supply will be promptly made.

SUPPLY DEPOTS.

154. Medical officers in charge of supply depots will prepare at the end of each quarter—

(*a*) A return, in duplicate, of medical property (Form No. 14).

(*b*) A quarterly abstract of receipts and issues (Forms Nos. 11, 12, and 13) in duplicate.

155. Medical officers in charge of supply depots will keep the following books of record, and turn them over to their successors: Record of letters received, of letters sent, of moneys received, of moneys disbursed, or orders given for medical stores, of articles received, of articles expended, of articles on hand, of requisitions, of issues, of invoices of packages turned over to the Quartermaster's Department, of contents of packages, and of employees.

INFORMATION SLIPS.

156. Information slips are intended for use by medical officers in cases where formal letters can be dispensed with, viz: personal reports of medical officers; changes in the status of hospital-corps members and of hospital matrons; requests for authority for the reenlistment of acting hospital stewards and privates; acknowledgments of receipt of S. G. O. circulars; requests for and acknowledgments of receipt of blank forms, clinical thermometers, typewriter ribbons, vaccine virus; requests for special expenditures of the hospital fund; acknowledgments of receipt of funds for construction and repair of hospitals and hospital stewards' quarters and monthly reports of progress of work; explanations concerning reports of sick and wounded and outline-figure cards. They should not be used in any case requiring action by another bureau. Letter forms, such as "Sir: I have the honor," and "Very respectfully," will not be used. Indorsements may follow in the usual form. If neither remark nor action is required by the chief surgeon, his receiving stamp will take the place of an indorsement, to which may be added the words "contents noted," if deemed necessary. A memorandum will be entered on the stub, with signature of officer attached, to verify record.

REGISTER OF PATIENTS.

157. The term "sick" or "wounded," applied to an officer or soldier treated *in hospital*, means that he is so disabled as to be unfit for all military duty; applied to one treated *in quarters*, that he is partially disabled and unfit for all military duties,

unless his fitness for certain duties is specifically stated by the medical officer. Under any of these conditions he is technically on the "sick report," and his name should be borne on the Register of Patients.

158. The entries on the Register of Patients will be made day by day as the cases are admitted, and will be continuous, *i. e.*, without break from day to day, month to month, or year to year. Ordinarily there will be but one entry for each case, although it may be prolonged for months. Exceptionally, cases which present many complications may have to be carried forward to current date to secure space for a satisfactory record; but in all such cases the two entries should be connected by cross references.

159. Officers or enlisted men who are excused from all or any part of their military duty, such as attendance on certain calls, drills, target practice, mounted duty, etc., because of physical disability, are to be borne upon the register until their cases are completed; officers and enlisted men excused from school duty merely, and capable of performing their strictly military duties, need not be so borne. A case prescribed for, but not excused from duty, will not ordinarily be entered on the register; but when it is of such a character as to have a probable bearing on the subsequent medical history of the individual, or when from the exigencies of the service the officer or soldier continues to perform his duties, notwithstanding his manifest disability, it should be recorded on the register with a statement to that effect. When the status of an officer or soldier absent from his post on ordinary leave or furlough becomes changed to absence on account of sickness, his case should be entered on the register.

160. The cases of retired officers and enlisted men, and of civilians, including general prisoners, taken into hospital for treatment, should be entered on the register. When the status of a soldier while sick in hospital becomes changed to civilian, the case of the soldier should be closed and a new entry made for the civilian.

161. When a patient absent sick from his command is admitted to hospital for treatment, the surgeon in charge of the

hospital should notify the surgeon on whose register the patient is borne, and request a formal transfer of the case. When the patient leaves the said hospital as cured, transferred, etc., the record of his case should be so completed; but if he leave the hospital uncured, or to resume a status of absent sick, the surgeon in charge of the hospital should send a transfer slip to the surgeon of the command to which the patient belongs, who should take the case up on his register.

162. A book of transfer slips is furnished by the Surgeon General to meet the necessities of moving commands, which, passing near a post, may leave their sick and wounded for treatment. It should be used also when cases are sent from one post or hospital to another, by change of station of company, for the sake of better accommodations, for benefit of climate, or for observation by the chief surgeon. The original slip should contain the patient's name, military description, date of admission to sick report, name of disease or injury, and such details of the case as will probably be of value to the receiving officer. It will be signed by the medical officer who makes the transfer, and will be forwarded with the patient. On the reverse of the slip the receiving officer will note the admission of the patient into hospital; and after carefully recording the information thereon in the register, he will forward the slip with the next report of sick and wounded to the Surgeon General. In transfers to the Government Hospital for the Insane a slip containing a copy of the certificate that accompanied the soldier should be sent to the Surgeon General. The duplicate of the transfer slips will be left in the book and will form a part of the retained records of the hospital or command from which the soldiers were sent.

FIELD REGISTER.

163. For detached commands temporarily in the field on scouting expeditions, practice marches, or in summer camps, the blank form of "Report of Completed Cases," sheet 2, Form No. 25, will be used as the "Field Register," the headings of the sheets being made to correspond to their extemporized use. From the entries on this Field Register the report of sick and

wounded will be made; and when all the cases have been completed by transfer to the stations to which the troops of the field command are ultimately assigned, and have been so reported on the final report of sick and wounded from the said field command, the Field Register will be forwarded to the Surgeon General—by the surgeon of the command, if he has transferred his cases by slips, or by the surgeon of the receiving station if the Field Register has been turned over to him to effect the transfer of the uncompleted cases to the permanent register of his post.

164. In time of war, medical officers on duty with such organizations as battalions, regiments, batteries, etc., will enter their cases in a permanent register, and will make up their report of sick and wounded in accordance with regulations. Transfer for treatment or better accommodation to the division, brigade, or other field hospital of the command will be regarded as completing a case on the battalion or regimental register; but the sending a man for transportation merely will not be considered in the light of a transfer. In formal transfers to the field hospital slips need not be used, as the transfer should be made personally by a medical officer or noncommissioned officer, who should see that the executive officer of the hospital is furnished with all needful information for his record of the case.

165. When those who are unable to march are to be sent from the command to some hospital other than the division, brigade, or other field hospital, the surgeon of the command will enter on his register the names, etc., of those who are to be sent away; and when he has furnished a copy of this list to the officer who is to take charge of the sick on their journey, he will complete their cases on his register by *transfer en route to* the hospital which is understood to be their destination.

166. To prepare a list of wounded (see A. R. 1466), the medical officer will enter on his register the names of all those of the command who are officially known to him as having been killed or wounded. As a member of the battalion or regimental staff the medical officer cooperates with company commanders in providing the materials for the field report of

killed, wounded, and missing sent by the commanding officer to the Adjutant General as the official record of the losses. The information gathered for this purpose at the dressing stations in the field, and subsequently by inspection of the wards and registers of the field hospitals, will enable him to perfect his own register by completing thereon by transfer to the division, brigade, or other field hospital all those cases that have already been taken up on the register of the latter, and retaining as uncompleted only those that remain under his personal care with the regiment or detachment. From this register thus perfected the list of wounded above mentioned will be prepared on sheets of the blank form of report of completed cases, the headings of which will be altered to correspond to this extemporized use of the sheets. When two or more sheets are required to perfect the report they should be stitched together through the binding space before forwarding.

167. The officer in charge of the records of a division, brigade, or other field hospital will enter in a permanent register the cases that are received by transfer from the medical officers of the command; and from the entries thereon the report of sick and wounded will be made out in accordance with regulations. Cases will be considered completed, so far as the register of this hospital is concerned, when the patients are transferred to any other hospital.

168. In all cases of transfer the medical officer in charge of the train of sick and wounded should, if possible, be provided with a nominal list of the patients intrusted to his care. He should verify this list personally, or, if the train be large, by his subordinates; and when arrived at his destination should turn it over to the medical officer of the receiving hospital. Should any of his cases be lost *en route* by death, capture, etc., he will note the facts on the list of transfers against each case so lost and report these facts and names to the chief surgeon and the Surgeon General.

169. If the military conditions are such that it is impossible for the officer in charge of the records of the division, brigade, or other field hospital to furnish a list of the sick and wounded that are to be transferred, the medical officer in charge of the

OF THE UNIVERSITY OF CALIFORNIA

train should verify the number of men turned over to him, and have the nominal list made out while *en route*. Should he be unable to accomplish this, the names of those who seem to be in danger of death should be taken so as to be able, if the events should require it, to make report to the chief surgeon and the Surgeon General.

170. The senior surgeon in charge of men sent direct from military commands in the field (see paragraph 165), will report the losses that occur during the period of his responsibility; so, also, when patients are left behind by the advance or retreat of a division, brigade, or other field hospital the senior surgeon left with them will take measures, if he has not been furnished with a nominal list, for the identification of his patients, for their subsequent transfer, and for the notification of losses by death or other causes.

REPORT OF SICK AND WOUNDED.

171. The report of sick and wounded will be made on Form No. 25, sheets 1 and 2. If a hospital is opened or closed during the month the orders to this effect should be stated on the report.

172. If there has been no case on sick report, either remaining from last report or admitted during the month, the report of sick and wounded will nevertheless be forwarded. It will give the name and strength of the command, etc., with such remarks as the circumstances may suggest as of interest to the chief surgeon or the Surgeon General.

173. In case of the occurrence of smallpox, and the vaccination of the command, the results of the vaccination will be given in a special report on the measures taken for the suppression of the disease; or they may be entered in the column of *remarks* on the left of the first page of the report of sick and wounded in connection with the cases of vaccinia that have been treated.

174. Medical officers will keep in the Medical History of the Post a record of births and marriages, and of those deaths the record of which has not been provided for elsewhere, and will report concerning them in the column on the right. In cases of birth, there should be entered the date, the sex, and name of the child, and the name, rank, etc., of the father, maiden name

of the mother, and whether this child is the first or second, etc., resulting from the marriage. In cases of marriage, the date and names should be recorded with the rank or occupation of the man and the age and birthplace of the woman. In cases of death, the date and cause, together with the name, sex, and age of the individual.

NOMENCLATURE OF DISEASES.

175. Diseases and injuries reported by medical officers on their report of sick and wounded will hereafter be classified in accordance with the arrangement in the following list:

Classified List of Causes of Admission to Sick Report.

I.—INFECTIOUS DISEASES, GENERAL AND LOCAL.

Scarlet fever.
Measles.
Rötheln.
Variola.
Varioloid.
Vaccinia.
Varicella.
Typhus fever.
Influenza.
Dengue.
Mumps.
Whooping cough.
Diphtheria.
Typhoid fever.
Cholera.
Yellow fever.
Cerebrospinal meningitis.
Malarial fever, intermittent.
Malarial fever, remittent or continued.
Malarial fever, pernicious.
Malarial cachexia.
Fevers of undetermined causation.
Anthrax.
Glanders.
Erysipelas.
Septicemia.
Rheumatic fever.*
Tetanus.
Tuberculosis of the lungs.
Tuberculosis of other organs.
Carcinoma.*
Sarcoma.*
Trichinosis.
Syphilis.
Gonorrhea.
Gonorrheal epididymitis and orchitis.
Chancroid and results.
Other diseases of this class.

LOCAL INFECTIONS WHICH ARE ALSO ENTERED UNDER "STRUCTURAL AND FUNCTIONAL DISEASES OF ORGANS."

Scabies.
Dermatophyti.
Tonsillitis.
Pericarditis.
Endocarditis.
Phlebitis.
Bronchitis, acute.
Pneumonia, croupous.
Pleurisy, acute.
Dysentery, acute.
Peritonitis, acute.
Meningitis.
Appendicitis.
Pyelitis and Pyelonephritis.
Cystitis.
Lymphangeitis.
Adenitis, nonvenereal.
Abscess.
Furuncle.
Carbuncle.
Hospital gangrene.
Whitlow.

II.—DISEASES OF NUTRITION, GENERAL.

Anemia.
Leucocythemia.
Glycosuria.
Gout.
Scurvy.
Other diseases of this class.

*Etiology not determined; probably due to parasitic infection.

III.—STRUCTURAL AND FUNCTIONAL DISEASES OF ORGANS.

A. Diseases of the Nervous System.

Alcoholism, acute.
Alcoholism, chronic.
Delirium tremens.
Apoplexy.
Cerebral congestion.
Chorea.
Epilepsy.
Insanity.
Locomotor ataxia.
Meningitis.
Myelitis.
Narcotic poisoning, acute.
Narcotic poisoning, chronic or drug habit.
Neuritis.
Neuralgia.
Neurasthenia.
Nostalgia.
Paralysis.
Other diseases of this class.

B. Diseases of the Digestive System.

Corrosive and irritant poisons, effects of.
Diseases of the salivary glands and ducts.
Diseases of the teeth, gums, and alveoli.
Diseases of the mouth and tongue.
Tonsillitis.
Pharyngitis.
Peritonitis, acute.
Dyspepsia.
Gastritis.
Gastric ulcer and hemorrhage.
Colic.
Constipation.
Tenia or other intestinal parasites.
Cholera morbus.
Diarrhea, acute.
Diarrhea, chronic.
Enteritis.
Appendicitis.
Dysentery, acute.
Dysentery, chronic.
Hemorrhage, intestinal.
Fistula in ano.
Hemorrhoids.
Biliary colic and calculi.
Jaundice, catarrhal.
Hepatitis.
Hepatic cirrhosis.
Other diseases of this class.

C. Diseases of the Circulatory System.

Angina pectoris.
Cardiac irritability.
Cardiac degeneration.
Pericarditis.
Endocarditis.
Valvular disease and results.
Thrombosis and embolism.
Aneurism.
Varicose veins.
Phlebitis.
Other diseases of this class.

D. Diseases of the Respiratory Organs.

Larynx, diseases of.
Coryza.
Bronchitis, acute.
Bronchitis, chronic.
Bronchitis, capillary.
Emphysema.
Asthma.
Pulmonary congestion.
Pulmonary hemorrhage.
Pneumonia, catarrhal.
Pneumonia, croupous.
Pleurisy.
Other diseases of this class.

E. Diseases of the Genito-urinary System.

Pyelitis and pyelonephritis.
Nephritis, acute parenchymatous.
Nephritis, chronic parenchymatous.
Renal cirrhosis.
Calculus, renal.
Calculus, vesical.
Cystitis.
Enuresis.
Retention of urine.
Hematuria.
Prostatitis.
Prostatic hypertrophy.
Urethral stricture.
Balanitis, nongonorrheal.
Paraphimosis.
Phimosis.
Varicocele.
Hematocele.
Hydrocele.
Other diseases of this class.

F. Diseases of the Lymphatic System and Ductless Glands.

Adenitis.
Lymphangeitis.
Splenic hypertrophy.
Other diseases of this class.

G. Diseases of the Muscles, Bones, and Joints.

Muscular contraction.
Muscular rheumatism and myalgia.
Whitlow.
Osteitis and results.
Periostitis.
Arthritis.
Arthritis, chronic rheumatic.
Bunion.
Synovitis.
Other diseases of this class.

H. Diseases of the Integument and Subcutaneous Connective Tissue.

Corns and warts.
Ingrowing nail.
Chilblain.
Abscess.
Furuncle.
Carbuncle.
Ulcer.
Hospital gangrene.
Dermatitis from poisonous plants.
Erythemata.
Psoriasis.
Prurigo and lichen.
Herpes.
Eczema and pemphigus.
Impetigo and acne.
Scabies.
Dermatophyti.
Other diseases of this class.

I. Diseases of Organs of Special Sense.

(*a*) *Diseases of the eye.*

Lids, diseases of.
Lachrymal apparatus, diseases of.
Conjunctivitis, acute.
Conjunctivitis, chronic.
Corneitis.
Sclerotitis.
Choroid, diseases of.
Iritis.
Retinitis.
Snow-blindness.
Asthenopia.
Cataract.
Glaucoma.
Amaurosis.
Night blindness.
Other diseases of the eye.

(*b*) *Diseases of the ear.*

Diseases of external ear.
Diseases of the tympanum.
Diseases of middle and internal ear.
Earache.
Deafness.

(*c*) *Diseases of the nose.*

Nasal catarrh, chronic.
Nasal hemorrhage.
Nasal polypus.

IV.—ACCIDENTS AND INJURIES.

A. General Injuries.

Burns and scalds, general.
Crushing.
Drowning.
Exhaustion from fatigue or exposure.
Explosion.
Freezing.
Hanging.
Insolation.
Lightning.
Starvation, exclusive of disease.
Suffocation, exclusive of disease.
Venomous bites, stings, and wounds.

B. Injuries to Special Parts.

Abrasions and blisters, mechanical.
Burns and scalds, local.
Compression of the brain.
Concussion of the brain.
Concussion of the spine.
Contusions and sprains.
Dislocations.
Foreign bodies, presence of.
Fracture, exclusive of gunshot.
Frostbite.
Hernia, inguinal.
Hernia, other.
Orchitis, from injury.
Strain, muscular.
Wounds, contused.
Wounds, incised.
Wounds, lacerated.
Wounds, punctured.
Wounds, gunshot.
Secondary results of local injury.
Other local injuries.

V.—UNCLASSIFIED.

Malingering.
Under observation, not diagnosed, or unknown.
Homicide.
Suicide.
Self-maiming.
Judicial execution.

176. Medical officers in recording the causes of admission to sick report will make use of this nomenclature in all cases for which a specific title is provided. Experience has shown that it includes most of the causes of disability likely to occur in army practice. In recording cases for which a title is not specially provided, as, for instance, those which, in a consolidation of the statistics, would be tabulated under "Diseases of the mouth and tongue," "Diseases of the external ear," etc., or thrown among "Other diseases of this class," such terms will be used as will briefly and accurately describe the disease or injury, while conforming as far as possible to the nomenclature generally accepted by the profession. Medical officers will report in this way also when the cases are to be consolidated on the classified list under a generic term, as in certain of the diseases of the skin.

The organ or part affected should be specified when the name of the morbid condition fails to indicate it, as in paralysis, aneurism, ulcer, herpes, etc., as also in inflammations, as adenitis, osteitis, arthritis, synovitis, etc., and in local injuries, as abrasions, burns, contusions, dislocations, etc.

The surgical characteristics of wounds, fractures, herniæ, etc., should be stated; and in cases of poisoning the name of the poison should be given.

177. Cases of hernia suitable for an operation should receive surgical treatment. Operations for the radical cure of hernia will be performed by medical officers specially designated by the Surgeon General. Medical officers will report cases of

hernia considered favorable for operation to the Surgeon General. If the case is considered unsuitable for operation, the fact will be noted upon the certificate of disability.

CERTIFICATES OF DISABILITY.

178. In cases of discharge of enlisted men on surgeon's certificate of disability, the certificate of the surgeon will be filled out in his own handwriting.

EXAMINATION OF RECRUITS.

(See A. R. 841-848.)

179. The minimum height of a recruit is at present fixed at five feet four inches for all branches of the service, although recruiting officers are allowed to exercise their discretion as to the enlistment of desirable recruits (such as band musicians, school-teachers, tailors, etc.), who may fall not more than one-fourth of an inch below the minimum standard of height; the *maximum* height for the cavalry service is five feet ten inches; that for infantry and artillery is governed by the maximum of weight, to which should be applied the rule for proportion in height (see par. 195).

180. The minimum weight for all recruits is one hundred and twenty-five pounds, except for the cavalry, in which enlistments may be made without regard to a minimum weight, provided the chest measurement and chest mobility are satisfactory. The *maximum* for infantry and artillery is one hundred and ninety pounds; for cavalry and light artillery one hundred and sixty-five pounds.

181. The chest mobility, *i. e.*, the difference between the measurement at inspiration and expiration, should be *at least* two inches in men below five feet seven inches in height, and two and one-half inches in those above that height.

REENLISTMENTS.

182. The recruiting officer is permitted to accept men desiring to reenlist who present themselves for that purpose within the prescribed limit of time, notwithstanding they may have some physical disqualification which would cause their rejection as recruits: *Provided*, They have no serious defect which

would probably prevent the discharge of their duties as soldiers. In all such cases the defects and the fact that they existed prior to reenlistment will be noted on the soldier's enlistment papers and examination form.

NOTE.—In modifying the requirements for reenlistment, it is the intention of the War Department to provide for the continuance in service of such faithful soldiers as have incurred disabilities during prior enlistments which probably will not unfit them for duty in the future; as, for example, hernia, which is kept in place by wearing a truss; piles; varicose veins; certain defects of vision, as near or far sight; the loss of certain fingers or toes; mutilations by gunshot or other wounds, etc.

MODE OF EXAMINING A RECRUIT.

183. In passing a recruit the examining officer is to examine him stripped; to see that he has the free use of his limbs; that his chest is ample; that his hearing, vision, and speech are perfect; that he has no tumors or ulcerated or extensively cicatrixed legs; no rupture or chronic cutaneous affection; that he has not received any contusion or wound of the head that may impair his faculties; that he is not a drunkard; is not subject to convulsions, and has no infectious or other disorder that may unfit him for military service. The recruit must be effective, able-bodied, sober, free from disease, and of good character and habits.

NOTE.—The leading characteristics of a good constitution are thus enumerated by Tripler: "A tolerably just proportion between the different parts of the trunk and members; a well-shaped head, thick hair, a countenance expressive of health, with a lively eye; skin not too white, lips red, teeth white and in good condition; voice strong, skin firm, chest well formed, belly lank, parts of generation well developed, limbs muscular, feet arched and of moderate length; hands large. The gait should be sprightly and springy, speech prompt and clear, and manner cheerful. All lank, slight, puny men, with contracted figures, whose development is, as it were, arrested, should be set aside. The reverse of the characteristics of a good constitution will indicate infirm health or a weakly habit of body; loose, flabby, white skin; long, cylindrical neck; long, flat feet; very fair complexion; fine hair; wan, sallow countenance," etc.

184. The room in which the examination is conducted should be well lighted and large enough for the men to exercise in walking, running, and jumping, as every organ directly concerned in locomotion should be subjected to inspection. Only those persons who are absolutely required should be present at the examination.

185. The person of the recruit should be washed with soap and water before he is presented for inspection. It is not, however, believed to be good policy to enlist men who, though able-bodied and intelligent, appear at recruiting stations in ragged or filthy dress, as the chances are such men are tramps and vagabonds and will not make good soldiers. Men who, though attired in clean and respectable clothing, are found to be filthy in their person, should be promptly rejected for like reason.

186. Thoroughness in the preliminary examination is assured by a methodical inquiry into the family and personal history of the applicant, whose replies should be recorded at the time. For this purpose a printed form is furnished by the Adjutant General (form for the physical examination of a recruit). The form also serves as evidence, should the recruit allege unfitness from a defect that is feigned, or be subsequently found unfitted for duty on account of one which has been concealed.

187. The questions prescribed in this form are intended simply as the guide to a careful and searching examination into the physical history of the applicant for enlistment. If his replies suggest the existence of any infirmity or defect, special inquiry should be made concerning it, in order that the most complete information may be elicited. The questions, and any others necessary to develop his fitness for the duties of a soldier, should be asked and the man's replies recorded, by the recruiting officer, before he is stripped, after which the examination is proceeded with.

188. If there is a medical officer he will make and record the physical examination. Otherwise, the recruiting officer will perform this duty. In the latter event the form will remain with or follow the recruit until he has undergone examination by a medical officer or a civilian physician, who will note the same upon the front fold. It will then be forwarded without delay to the Surgeon General, except as provided in paragraphs 844 and 847, A. R., and in the following paragraphs:

189. If the civilian physician at a recruiting station finds a recruit to be disqualified for the service, the examination form, with a certificate of disability (A. R. 154), signed by the physician and the recruiting officer, will be forwarded by the recruiting officer direct to the Adjutant General of the Army, with full report of the facts, and the officer's opinion as to whether or not fraud was practiced by the recruit to secure his enlistment.

190. Each peculiarity or deviation from the normal standard is to be noted on the form for the physical examination of a recruit.

191. If a careful inspection is made and a defect is noted, which is not considered by the officer making the examination to be disqualifying, he is relieved from responsibility; but if he passes a recruit who has a serious defect, which is discernible by an ordinary layman, and enlists the man without noting the defect upon the examination form and the enlistment paper, it evidences neglect in the examination.

192. Before recruits leave the station for the rendezvous or post they should be carefully reexamined and a statement to that effect made on the form, with a note descriptive of any defect which may have been discovered or contracted since the enlistment.

193. A completed examination form is required for file in the office of the Surgeon General in the case of every soldier who completes enlistment or reenlistment by taking the oath (including scouts and Indians). In the case of applicants who do not take the oath it may be destroyed after it has served its purpose in the conduct of the examination.

194. As Indian scouts are now enlisted for three years they will undergo the same physical examination as other enlisted men. The examination form will be used for this purpose, and, when filled up and completed, will be forwarded to the Surgeon General.

195. The following table is given for convenience of reference:

Table of Physical Proportions for Height, Weight, and Chest Measurement.

Height.		Weight.	CHEST MEASUREMENT	
			At expiration.	Mobility.
Feet.	Inches.	Pounds.	Inches.	Inches.
$5\frac{4}{12}$	64	128	32	2
$5\frac{5}{12}$	65	130	32	2
$5\frac{6}{12}$	66	132	32½	2
$5\frac{7}{12}$	67	134	33	2
$5\frac{8}{12}$	68	141	33¼	2½
$5\frac{9}{12}$	69	148	33½	2½
$5\frac{10}{12}$	70	155	34	2½
$5\frac{11}{12}$	71	162	34¼	2½
6	72	169	34¾	3
$6\frac{1}{12}$	73	176	35¼	3

196. It is not necessary that the applicant should conform *exactly* to the figures indicated above, a variation of a few pounds from either side of the standard in the minimum and maximum weights and of a fraction of an inch in chest measurement being permissible if the applicant is otherwise in good health and desirable as a recruit. The table is given to show what is regarded as a fair proportion, *but the weight must be at least 125 pounds*, except for cavalry, or when less is especially authorized by the Adjutant General.

EXAMINATION OF CADETS AND CADET CANDIDATES.

197. A deviation from the table of physical proportions may be made in the examination of candidates for admission to the United States Military Academy, and for members of the graduating class, whenever this is deemed necessary by the Medical Examining Board.

198. Medical officers will be guided by the following instructions in examining candidates for admission to the United States Military Academy:

(*a*) *Hearing* must be normal in both ears.

(*b*) *Vision*, as determined by the official test types, must not fall below $\frac{15}{20}$ in either eye, and not below $\frac{20}{20}$, unless it can be made normal by proper glasses.

(*c*) Color-blindness is not a cause for rejection, but must be noted upon the form for physical examination, and the applicant so informed.

(*d*) Accepted candidates, if between seventeen and eighteen years of age, should not fall below five feet one inch in height and one hundred pounds weight; if between eighteen and nineteen years, five feet two inches in height and one hundred and five pounds in weight; if over nineteen and less than twenty years of age, five feet three inches in height, and one hundred and ten pounds in weight.

(*e*) The weight, and chest measurement at expiration, should not fall materially below the following standard, which, however, is not to be considered as absolute, and should not be strictly adhered to in the case of active boys who are less than 18 years of age:

Height.	Weight.	Chest measurement at expiration.
	Pounds.	*Inches.*
5 feet 1 inch	112	29
5 feet 2 inches	114	29½
5 feet 3 inches	116	30
5 feet 4 inches	118	30½
5 feet 5 inches	120	31
5 feet 6 inches	122	31½
5 feet 7 inches	124	31¾
5 feet 8 inches	128	32
5 feet 9 inches	132	32¼
5 feet 10 inches	136	32½
5 feet 11 inches	142	32¾
6 feet	148	33

(*f*) Candidates will be carefully examined, while stripped, by the methods prescribed for the examination of recruits, and will be rejected for any mental or physical defect which would constitute a cause of rejection in the case of a recruit, or for any apparent feebleness of constitution or cachexia.

(*g*) The result of the physical examination in each case, whether accepted or rejected, will be recorded on the blank form furnished by the Adjutant General for this purpose and forwarded to the Surgeon General.

OUTLINE-FIGURE CARDS.

199. A record of the marks upon the person of the accepted recruit will be made upon an outline-figure card; the blanks will be furnished by the Adjutant General.

200. A card is required for every soldier who completes enlistment by taking the oath, except scouts and Indians, whether enlisting for the first time or not, and whether for the line or one of the staff departments. The card should *not* be forwarded until the recruit is sworn in, and should then immediately, upon completion, be sent direct to the Surgeon General. No letter of transmittal is required.

201. *For enlistments made at military posts* the card will be prepared and forwarded by the medical officer or the civilian physician making the medical examination. *For enlistments made at other recruiting stations* by the medical officer, if there is one; otherwise, as follows: (1) *When the recruit is sent direct to rendezvous or post* by the medical officer who examines the recruit upon his arrival there; (2) *when, before joining rendezvous or regiment the recruit is discharged, is allowed a furlough, or is assigned to duty at the recruiting station* by the enlisting officer.

202. All indelible or permanent marks of whatsoever character upon the person of the recruit, whether peculiar in themselves or not, should be recorded on the cards, viz: Scars, (including vaccination marks), moles, birthmarks and pigmentations, circumcisions, amputations or other losses of joints of fingers or toes, tattoo marks, the absence of teeth (designating those that are absent), and malformations or deviations from the normal standard of any part of the person. It is not, however, desired that the cards shall be encumbered with the record of trifling and valueless marks minute in size, when better marks are found in sufficient number.

203. A careful and systematic search of the body should be made, front and rear, on each side of the median line, separately, commencing at the scalp and ending at the foot. The marks found will be recorded and described as indicated in paragraphs 207, 208, and 209.

204. Cards showing less than five marks (in addition to vaccination scars, tattooings, loss of teeth, and deformities) can not be relied upon in the effort to discover identity or to establish it in suspected cases. Experience shows that as many as ten to fifteen marks may usually be found.

205. If no mark be found upon the recruit, the fact should be stated upon both the front and back of the card; likewise, if marks are found upon the front and none upon the rear or *vice versa*, the entry "no marks" should be made upon the appropriate side of the card.

206. The location of the mark and its characteristics, such as form and direction, upon the person of the recruit, should be indicated upon the corresponding part of the figure, and a solid line should be drawn therefrom to the description in terms upon the fly leaf opposite. When this description is common to a number of marks it need not be repeated for each one, but the lines may converge to it. Care should be taken, however, in grouping the descriptions on the card, that its legibility and clearness are not impaired; lines, for instance, should not cross each other when it can conveniently be avoided.

207. The following details are called for in the description of marks and scars, etc., on the person of the recruit:

(*a*) In the case of scars: (1) Their form or shape—rectilinear, curvilinear, undulating, oval, circular, oblong, square, V-shaped, L-shaped, T-shaped, etc.; (2) their inclination—horizontal, oblique, vertical; if curved, the direction of the concavity; (3) their approximate size in inches; (4) their character—recent, faint, conspicuous, purple, puckered, or any other noteworthy feature; (5) their cause, if known—cuts, boils, burns, etc.

(*b*) When scars are small and numerous, a description of one may be given, followed by the words "and many others;" or the record may stand "numerous small scars."

(*c*) In the case of moles their approximate size in fractional parts of an inch, and whether raised, flat, hairy, or hairless. When too small for ordinary measurement, however, the entry P. m. for pinhead mole will be sufficient.

(*d*) In the case of birthmarks, their approximate size, shape, color, and other noteworthy features should be recorded.

(*e*) Tattoo marks should invariably be noted, and in their description words should be designated as such, and letters and numerals should be legibly recorded. Appropriate details of costume, posture, relationship to other devices, etc., should be given in the case of tattooed representations of men and women—*e. g., Irishman in knee breeches, swallow-tail coat and high hat, pipe in hatband, dancing, twirling shillalah in right hand. Boy astride of spread eagle, U. S. flag in uplifted left hand, words "Young America" below.* In the case of devices composed of two or more figures the component figures should be fully described.

(*f*) When the tattoed design is indecent or obscene it is a cause for rejection, but the applicant should be given an opportunity to alter the design, in which event he may, if otherwise qualified, be accepted.

(*g*) Amputations and losses of parts of fingers and toes should be noted, specifying with care the particular member injured and how much of it is gone.

208. The following abbreviations are authorized, and will be understood in the sense indicated, viz:

R. h. m. $\frac{1}{4}$	for raised hairy mole $\frac{1}{4}$ inch in diameter.
R. s. m. $\frac{1}{8}$	for raised smooth (hairless) mole $\frac{1}{8}$ inch in diameter.
F. h. m. $\frac{1}{8}$	for flat hairy mole $\frac{1}{8}$ inch in diameter.
F. s. m. $\frac{1}{4}$	for flat smooth mole $\frac{1}{4}$ inch in diameter.
P. m.	for all moles $\frac{1}{16}$ inch in diameter or less.
L. s. 1 ″	for linear scar 1 inch long.
O. d. s. 2 ″ x $\frac{3}{4}$ ″	for oval depressed scar 2 by $\frac{3}{4}$ inch.
C. p. s. $\frac{1}{2}$ ″ d.	for circular pitted scar $\frac{1}{2}$ inch in diameter.
V. 1 ″ x $\frac{1}{2}$ ″	for vaccination scar 1 x $\frac{1}{2}$ inch.
Var.	for varicocele or varicose veins.

209. (*a*) When the record of marks is completed, the color of hair and eyes should be recorded. Between the extremes of

flax-colored and black hair all shades of brown are found. The scale may be given as follows:

Flax-color.
Light brown.
Of red hair as follows:
  Brick red.
  Sandy red.
  Auburn (reddish brown).
Dark brown.
Black.
Of gray hair, as follows:
  Dark gray.
  Light gray, approaching white.
  Iron gray (mixed).

(*b*) In determining the color of the eyes, medical and recruiting officers will make use of the standard eye colors issued by the Surgeon General. The number of the standard eye color which most nearly corresponds with the eyes under examination will be recorded, as—brown 1st, 2d, etc.; blue 7th, 8th, etc. Note should also be made if the color is not the same in both eyes; if there is any peculiarity of pigmentation, as the presence of black or red spots in the general color; and also if there is any deviation from the normal circular form of the pupils.

210. As the height is relied upon as a basis in comparing the cards of recruits with the classified descriptions of former soldiers, and as this measurement may to a considerable degree be affected by deception on the part of the subject, great care in ascertaining it is specially enjoined.

211. In the lower left-hand corner of the card will be noted the station where it is prepared and the date of preparation.

212. The entries on the cards will be made with durable black ink, and not with copying ink.

213. Outline-figure cards are required also for soldiers discharged dishonorably or without honor. This record will be made from an examination of the man immediately prior to discharge (unless the discharge is followed by a period of confinement at a military post); it will show the date and place of enlistment as in the case of recruit cards, and will cite the order for the discharge and the date upon which it is to take effect. When the dishonorable discharge is followed by a period of confinement at a military post, the card should be prepared about two weeks prior to the release of the prisoner; and in addition to the data above required, note should be

made of the probable date of release. The card in these cases will immediately upon completion be forwarded to the Surgeon General. No letter of transmittal is required.

ARTIFICIAL LIMBS.

214. Application for an artificial limb or for its commuted value should be made by the claimant direct to the Surgeon General, War Department, Washington, D. C.

BLANK FORMS.

(See A. R. 1552.)

215. The following blank forms are issued for the use of the Medical Department. Requisitions will always be made for one year's supply, and the required number of each blank will be stated:

Form No.	Title.	
1	Invoice of funds.	
2	Receipt for funds.	
3	Account of funds received.	
4	Voucher to abstract of disbursements, articles purchased, or services performed.	
5	Voucher for property received by purchase.	
6	Voucher pay roll of persons employed.	
7	Abstract of disbursements.	
8	Account current.	
9	Account of sales at public auction of medical supplies.	
10	Invoice of medical property sold at public auction.	
11	Abstract of medical property received by purchase.	Issued to medical supply depots only.
12	Abstract of medical property issued, sold, etc.	
13	Abstract of medical property received from officers.	
14	Return of medical property received, issued, and remaining on hand at medical supply depot.	
15	Requisition for medical supplies.	
16	Special requisition for medical supplies.	
17	Packer's list of medical supplies.	
18	Invoice of medical supplies, large and small.	
19	Receipt for medical supplies, large and small.	
20	Return of medical property, with additional leaves.	
21	Voucher to abstract of disbursements (bill for medical attendance).	
22	Voucher to abstract of disbursements (medicines furnished on prescription).	

Form No.	Title.
23	Contract for medical supplies.
24	Bond for fulfillment of contract.
25	Report of sick and wounded, sheet 1 and sheet 2.
26	Transfer book.
27	List of patients suffering from epidemic diseases.
28	Special diet table.
29	Meteorological register.
30	Monthly report of physical examination of recruits.
31	Return of medical officers.
32	Return of the hospital corps.
33	Record of variations of temperature.
34	Statement of the ice fund.
35	Statement of the hospital fund and return of durable property.
36	Requisition for blank forms.
37	Report of record books.
38	Application for transfer to the hospital corps.
39	Report of payments made on account of purchases and services.
40	Diagram of areas of physical signs.
	RECORD BOOKS, ETC.
	Deaths and interments.
	Information-slip book.
	Information-slip book of deserters.
	Letter-press book.
	Medical history of post (with printed headings), No. 1.
	Medical history of post, No. 2.
	Morning-report book.
	Meteorological register.
	Order and letter book.
	Register of patients.
	Register of the hospital fund and return of durable property.
	Register of physical examination of recruits.
	Register of the hospital corps.
	Mailing tubes.

GENEVA CONVENTION.

216. I.—The convention between the United States, Baden, Switzerland, Belgium, Denmark, Spain, France, Hesse, Italy, Netherlands, Portugal, Prussia, Wurtemberg, Sweden, Greece, Great Britain, Mecklenburg-Schwerin, Turkey, Bavaria, Austria, Russia, Persia, Roumania, Salvador, Montenegro, Servia,

Bolivia, Chili, Argentine Republic, Peru, and Japan; with additional articles: For the amelioration of the wounded in armies in the field; concluded August 22, 1864; acceded to by the President March 1, 1882; accession concurred in by the Senate March 16, 1882; proclaimed as to the original convention, but with reserve as to the additional articles, July 26, 1882; commonly known as the Geneva Convention, is as follows:

ORIGINAL CONVENTION.

ARTICLE I. Ambulances and military hospitals shall be acknowledged to be neuter, and as such, shall be protected and respected by belligerents so long as any sick or wounded may be therein.

Such neutrality shall cease if the ambulances or hospitals should be held by a military force.

ART. II. Persons employed in hospitals and ambulances, comprising the staff for superintendence, medical service, administration, transport of wounded, as well as chaplains, shall participate in the benefit of neutrality, whilst so employed, and so long as there remain any wounded to bring in or to succor.

ART. III. The persons designated in the preceding article may, even after occupation by the enemy, continue to fulfill their duties in the hospital or ambulance which they serve, or may withdraw in order to rejoin the corps to which they belong.

Under such circumstances, when these persons shall cease from their functions, they shall be delivered by the occupying army to the outposts of the enemy.

ART. IV. As the equipment of military hospitals remains subject to the laws of war, persons attached to such hospitals can not, in withdrawing, carry away any articles but such as are their private property.

Under the same circumstances an ambulance shall, on the contrary, retain its equipment.

ART. V. Inhabitants of the country who may bring help to the wounded shall be respected, and shall remain free. The generals of the belligerent powers shall make it their care to inform the inhabitants of the appeal addressed to their humanity, and of the neutrality which will be the consequence of it.

Any wounded man entertained and taken care of in a house shall be considered as a protection thereto. Any inhabitant who shall have entertained wounded men in his house shall be exempted from the quartering of troops, as well as from a part of the contributions of war which may be imposed.

ART. VI. Wounded or sick soldiers shall be entertained and taken care of, to whatever nation they may belong.

Commanders in chief shall have the power to deliver immediately to the outposts of the enemy soldiers who have been wounded in an engagement, when circumstances permit this to be done, and with the consent of both parties.

Those who are recognized, after their wounds are healed, as incapable of serving, shall be sent back to their country.

The others may also be sent back, on condition of not again bearing arms during the continuance of the war.

Evacuations, together with the persons under whose directions they take place, shall be protected by an absolute neutrality.

ART. VII. A distinctive and uniform flag shall be adopted for hospitals, ambulances, and evacuations. It must, on every occasion, be accompanied by the national flag. An arm badge (brassard) shall also be allowed for individuals neutralized, but the delivery thereof shall be left to military authority.

The flag and the arm badge shall bear a red cross on a white ground.

ART. VIII. The details of execution of the present convention shall be regulated by the commanders in chief of belligerent armies, according to the instructions of their respective governments, and in conformity with the general principles laid down in this convention.

ADDITIONAL ARTICLES.

ARTICLE I. The persons designated in Article II of the Convention shall, after the occupation by the enemy, continue to fulfill their duties, according to their wants, to the sick and wounded in the ambulance or the hospital which they serve. When they request to withdraw, the commander of the occupying troops shall fix the time of departure, which he shall

only be allowed to delay for a short time in case of military necessity.

ART. II. Arrangements will have to be made by the belligerent powers to insure to the neutralized person, fallen into the hands of the army of the enemy, the entire enjoyment of his salary.

ART. III. Under the conditions provided for in Articles I and IV of the Convention, the name "ambulance" applies to field hospitals and other temporary establishments, which follow the troops on the field of battle to receive the sick and wounded.

ART. IV. In conformity with the spirit of Article V of the Convention, and to the reservations contained in the protocol of 1864, it is explained that for the appointment of the charges relative to the quartering of troops, and of the contributions of war, account only shall be taken in an equitable manner of the charitable zeal displayed by the inhabitants.

ART. V. In addition to Article VI of the Convention, it is stipulated that, with the reservation of officers whose detention might be important to the fate of arms and within the limits fixed by the second paragraph of that article, the wounded fallen into the hands of the enemy shall be sent back to their country, after they are cured, or sooner if possible, on condition, nevertheless, of not again bearing arms during the continuance of the war.

[*Articles concerning the Marine.*]

ART. VI. The boats which, at their own risk and peril, during and after an engagement pick up the shipwrecked or wounded, or which having picked them up, convey them on board a neutral or hospital ship, shall enjoy, until the accomplishment of their mission, the character of neutrality, as far as the circumstances of the engagement and the position of the ships engaged will permit.

The appreciation of these circumstances is intrusted to the humanity of all the combatants. The wrecked and wounded thus picked up and saved must not serve again during the continuance of the war.

ART. VII. The religious, medical, and hospital staff of any captured vessel are declared neutral, and, on leaving the ship, may remove the articles and surgical instruments which are their private property.

ART. VIII. The staff designated in the preceding article must continue to fulfill their functions in the captured ship, assisting in the removal of the wounded made by the victorious party; they will then be at liberty to return to their country, in conformity with the second paragraph of the first additional article.

The stipulations of the second additional article are applicable to the pay and allowance of the staff.

ART. IX. The military hospital ships remain under martial law in all that concerns their stores; they become the property of the captor, but the latter must not divert them from their special appropriation during the continuance of the war.

ART. X. Any merchant ship, to whatever nation she may belong, charged exclusively with removal of sick and wounded, is protected by neutrality; but the mere fact, noted on the ship's books, of the vessel having been visited by an enemy's cruiser, renders the sick and wounded incapable of serving during the continuance of the war. The cruiser shall even have the right of putting on board an officer in order to accompany the convoy, and thus verify the good faith of the operation.

If the merchant ship also carries a cargo, her neutrality will still protect it, provided that such cargo is not of a nature to be confiscated by the belligerents.

The belligerents retain the right to interdict neutralized vessels from all communication, and from any course which they may deem prejudicial to the secrecy of their operations. In urgent cases special conventions may be entered into between commanders in chief, in order to neutralize temporarily and in a special manner the vessels intended for the removal of the sick and wounded.

ART. XI. Wounded or sick sailors and soldiers, when embarked, to whatever nation they may belong, shall be protected and taken care of by their captors.

Their return to their own country is subject to the provisions of Article VI of the Convention, and of the additional Article V.

ART. XII. The distinctive flag to be used with the national flag, in order to indicate any vessel or boat which may claim the benefits of neutrality, in virtue of the principles of this Convention, is a white flag with a red cross. The belligerents may exercise in this respect any mode of verification which they may deem necessary.

Military hospital ships shall be distinguished by being painted white outside, with green strake.

ART. XIII. The hospital ships which are equipped at the expense of the aid societies, recognized by the governments signing this Convention, and which are furnished with a commission emanating from the sovereign, who shall have given express authority for their being fitted out, and with a certificate from the proper naval authority that they have been placed under his control during their fitting out and on their final departure, and that they were then appropriated solely to the purpose of their mission, shall be considered neutral, as well as the whole of their staff. They shall be recognized and protected by the belligerents.

They shall make themselves known by hoisting, together with their national flag, the white flag with a red cross. The distinctive mark of their staff, while performing their duties, shall be an armlet of the same colors. The outer painting of these hospital ships shall be white, with red strake.

These ships shall bear aid and assistance to the wounded and wrecked belligerents, without distinction of nationality.

They must take care not to interfere in any way with the movements of the combatants. During and after the battle they must do their duty at their own risk and peril.

The belligerents shall have the right of controlling and visiting them; they will be at liberty to refuse their assistance, to order them to depart, and to detain them if the exigencies of the case require such a step.

The wounded and wrecked picked up by these ships can not be reclaimed by either of the combatants, and they will be required not to serve during the continuance of the war.

ART. XIV. In naval wars any strong presumption that either belligerent takes advantage of the benefits of neutrality, with any other view than the interest of the sick and wounded, gives to the other belligerent, until proof to the contrary, the right of suspending the Convention, as regards such belligerent.

Should this presumption become a certainty, notice may be given to such belligerent that the Convention is suspended with regard to him during the whole continuance of the war.

ART. XV. The present Act shall be drawn up in a single original copy, which shall be deposited in the archives of the Swiss Confederation.

The additional articles have been acceded to by the United States, and signed on behalf of Great Britain, Austria, Baden, Bavaria, Belgium, Denmark, France, Netherlands, North Germany, Sweden and Norway, Switzerland, Turkey, and Wurtemberg, but will not acquire full force and effect as an international treaty until the exchange of the ratifications thereof between the several contracting states shall have been effected.

217. SUPPLY TABLE.

Revised January 1, 1896.

Fractions of more than 50 will be considered as an additional hundred in computing the population of a post, and supplies may be required for accordingly.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Medicines.						
Acacia (pulvis), in 500-gm. bottles——botts.	2	3	4	5	6	6
Acetanilidum, in 125-gm. bottles——botts.	1	1	2	2	3	3
Acidum aceticum, in 250-c. c. bottles——botts.	1	1	1	2	2	2
Acidum arsenosum, 1-mgm. tablets (125 in bott.), for field use only——botts.	1	1	2	2	3	3
Acidum boricum (pulvis), in 250-gm. bottles——botts.	1	1	2	2	3	3
Acidum boricum, 324-mgm. tablets (125 in bott.), for field use only——botts.	1	1	2	2	3	3
Acidum carbolicum, in 250-gm. bottles——botts.	1	2	3	4	5	6
Acidum citricum, in 250-gm. bottles——botts.	1	1	2	2	3	3
Acidum gallicum, in 25-gm. bottles——botts.	1	1	1	2	2	2
Acidum hydrochloricum, in 250-c. c. g. s. bottles—botts.	1	1	2	2	3	3
Acidum hydrocyanicum dilutum, in 25-c. c. g. s. bottles——botts.	1	1	1	2	2	2
Acidum lacticum, in 25-c. c. g. s. bottles——botts.	1	1	1	2	2	2
Acidum nitricum, in 250-c. c. g. s. bottles——botts.	1	1	2	2	3	3
Acidum phosphoricum dilutum, in 250-c. c. g. s. bottles——botts.	1	1	1	2	2	2

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Medicines—Continued.						
Acidum salicylicum, in 250-gm. bottles——botts.	1	1	2	2	4	4
Acidum sulphuricum, in 250-c. c. g. s. bottles——botts.	1	1	2	2	3	3
Acidum sulphuricum aromaticum, in 250-c. c. g. s. bottles——botts.	1	1	2	2	3	3
Acidum tannicum, in 25-gm. bottles——botts.	2	2	3	3	4	4
Acidum tartaricum, in 250-gm. bottles——botts.	2	2	4	4	6	6
Aconiti tinctura, in 50-c. c. bottles——botts.	2	2	3	3	4	4
Aconiti tinctura, 0.1-c. c. tablets (200 in bottle)——botts.	1	1	1	2	2	2
Æther, in 100-gm. tins——tins.	20	20	30	30	40	40
Ætheris spiritus compositus, in 250-c. c. bottles——botts.	1	1	2	2	3	3
Ætheris spiritus nitrosi, in 500-c. c. bottles——botts.	2	3	4	6	8	10
Alcohol, in 1-liter bottles——botts.	10	16	24	30	36	36
Aloe (pulvis), in 25-gm. bottles——botts.	2	2	3	3	4	4
Aloini pilulæ comp. (200 in bottle)——botts.	1	1	2	2	3	3
Alumen, in 250-gm. bottles——botts.	2	3	4	5	6	6
Alumen, 324-mgm. tablets (150 in bottle), for field use only——botts.	1	1	2	2	3	3
Ammoniæ aqua, 10 p. c., in 500-c. c. g. s. bottles——botts.	2	3	4	5	6	8
Ammoniæ spiritus aromaticus, in 250-c. c. bottles——botts.	1	2	3	4	5	6
Ammonii bromidum, in 250 gm. bottles——botts.	1	1	1	2	2	2
Ammonii carbonas, in 250-gm. bottles——botts.	1	1	2	2	3	3
Ammonii chloridi trochisci (100 in bottle)——botts.	2	3	4	6	8	10
Ammonii chloridum, in 250-gm. bottles——botts.	2	3	4	5	6	8
Amyl nitris (5-drop pearls), 12 in box——boxes.	2	2	3	3	4	4
Antimonii et potassii tartras, in 25 gm. bottles——botts.	1	1	1	1	1	1
Antipyrinum, in 125-gm. bottles——botts.	2	3	4	5	6	6
Antitoxin of diphtheria*——botts.						
Apomorphinæ hydrochloras, 6-mgm. hypodermic tablets——tubes.	1	1	1	2	2	2
Argenti nitras, in crystals, in 25-gm. bottles——botts.	1	1	2	2	3	3
Argenti nitras fusus, in 25-gm. bottles——botts.	1	1	1	2	2	2
Asafœtida, in 25-gm. bottles——botts.	1	1	1	1	1	1
Aspidii oleoresina, in 50-c. c. bottles——botts.	1	1	1	1	1	1
Atropinæ sulphas, 0.65-mgm. hypodermic tablets——tubes.	1	1	1	2	2	2
Atropinæ sulphas, 0.13-mgm. ophthalmic discs (50 in box)——boxes.	1	1	1	2	2	2
Belladonæ emplastrum, in 2-meter tins——tins.	1	1	2	2	3	3
Belladonæ foliorum extractum alcoholicum, in 25-gm. bottles——botts.	1	1	2	2	3	3
Bismuthi subgallis, in 250-gm. bottles——botts.	1	2	3	4	5	6
Bismuthi subnitras, in 500-gm. bottles——botts.	1	1	2	2	3	3
Buchu extractum fluidum, in 500-c. c. bottles——botts.	1	1	2	2	2	3
Caffeinæ citrata, in 25-gm. bottles——botts.	1	1	1	2	2	2
Camphora, in 500-gm. bottles——botts.	2	2	3	3	4	4
Cannabis indicæ tinctura, 0.06-c. c. tablets (100 in bottle)——botts.	1	1	1	2	2	2
Cantharidis emplastrum, in 1-meter tins——tins.	1	1	1	2	2	2
Cantharidis tinctura, in 100-c. c. bottles——botts.	1	1	1	2	2	2
Capsici tinctura, in 100-c. c. bottles——botts.	1	1	1	2	2	2

*To be purchased by the surgeon in amount sufficient for immediate use, if obtainable in vicinity. If not, telegraphic request to chief surgeon should be made. Special report of necessity to be made at once by mail.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Medicines—Continued.						
Capsicum, 32-mgm. tablets (150 in bottle), for field use only—botts.	1	1	2	2	3	3
Cera flava, in 250-gm. cakes—cakes.	1	1	1	2	2	2
Ceratum resinæ, in 250-gm. jars—jars.	1	1	1	2	2	2
Cerii oxalas, in 25-gm. bottles—botts.	1	1	1	2	2	2
Chloral, in 50-gm. g. s. bottles—botts.	2	2	3	3	4	4
Chloroformum, in 100-gm. g. s. bottles—botts.	12	12	24	24	36	36
Chrysarobinum, in 25-gm. bottles—botts.	1	1	1	1	1	1
Cinchonæ tinctura composita, in 500-c. c. bottles—botts.	4	6	8	10	12	12
Cocainæ hydrochloras, in 5-gm. bottles—botts.	2	2	4	4	6	6
Cocainæ hydrochloras, in 10-mgm. hypodermic tablets—tubes.	1	1	2	2	3	3
Codeina, in 50-gm. bottles—botts.	1	1	1	2	2	2
Colchini seminis extractum fluidum, in 50-c. c. bottles—botts.	2	2	3	3	4	4
Collodium, in 25-c. c. bottles—botts.	2	4	6	8	10	10
Conîinæ bromohydras, 0.65-mgm. hypodermic tablets—tubes.	1	1	2	2	3	3
Copaiba, in 500-gm. bottles—botts.	2	3	4	5	5	6
Copaibæ pilulæ comp. or tablets (100 in bottle)—botts.	4	6	8	10	12	14
Creosotum, in 50-gm. g. s. bottles—botts.	2	2	4	4	6	6
Creta præparata, in 250-gm. bottles—botts.	1	1	2	2	3	3
Cupri arsenis, 0.325-mgm. tablets (200 in bottle)—botts.	1	1	1	2	2	2
Cupri sulphas, in 50-gm. bottles—botts.	1	1	1	1	1	1
Digitalinum, 1-mgm, hypodermic tablets—tubes.	1	1	2	2	3	3
Digitalis tinctura, in 125-c. c. bottles—botts.	2	2	3	3	4	4
Digitalis tinctura, 0.3-c. c. tablets (200 in bottle)—botts.	2	3	4	5	6	8
Emplastrum (ferri) porous, in boxes of 24—boxes.	1	1	2	2	3	3
Ergotæ extractum fluidum, in 250-c. c. bottles—botts.	1	2	3	4	5	6
Ergotinum, 130-mgm. tablets (200 in bottle)—botts.	2	2	3	3	4	4
Eucalyptol, in 50-c. c. bottles—botts.	2	2	3	3	4	4
Ferri chloridi tinctura, in 500-c. c. g. s. bottles—botts.	1	2	3	4	5	6
Ferri et potassii tartras, in 250-gm. bottles—botts.	1	1	1	2	2	2
Ferri et quininæ citras solubilis, in 100-gm. bottles—botts.	1	2	3	4	5	6
Ferri iodidi syrupus, in 200 c. c. bottles—botts.	1	1	2	2	3	3
Ferri pilulæ compositæ (200 in bottle)—botts.	1	2	3	4	5	6
Ferri pyrophosphas solubilis, in 100. gm. bottles—botts.	1	1	1	2	2	2
Ferri sulphas exsiccatus, in 100-gm. bottles—botts.	1	1	1	2	2	2
Ferrum reductum, in 25-gm. bottles—botts.	1	1	1	2	2	2
Gentianæ tinctura composita, in 500-c. c. bottles—botts.	2	3	4	5	6	7
Glycerinum, in 500-c. c. bottles—botts.	6	8	10	12	14	16
Glycyrrhizæ extractum purum (pulvis), in 250-gm. bottles—botts.	2	3	4	6	8	10
Glycyrrhizæ mistura composita, tablets (400 in bottle)—botts.	2	3	4	5	6	7
Glycyrrhizæ pulvis compositus, in 250-gm. bottles—botts.	1	1	2	2	3	3
Guaiacolis carbonas, in 250-gm. bottles—botts.	1	1	2	2	3	3
Hamamelidis extractum fluidum, in 250-c. c. bottles—botts.	2	2	3	3	4	4
Hydrargyri chloridum corrosivum, in 100-gm. bottles—botts.	1	1	1	1	1	1
Hydrargyri chloridum mite, in 100-gm. bottles—botts.	1	1	2	2	3	3

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Medicines—Continued.						
Hydrargyri chloridum mite cum sodio bicarb., tablets (200 in bottle)—botts.	2	3	4	5	6	8
Hydrargyri iodidum flavum, 10-mgm. tablets (200 in bottle)—botts.	2	3	4	5	6	8
Hydrargyri massa, in 100-gm. jars—jars.	1	1	2	2	3	3
Hydrargyri massa, 324-mgm. tablets (125 in bottle) for field use only)—botts.	1	1	2	2	3	3
Hydrargyri nitratis unguentum, in 50-gm. jars—jars.	1	1	1	1	1	1
Hydrargyri oleatum, 10 per cent, in 500-gm. w. m. bottles—botts.	1	1	1	2	2	2
Hydrargyri oxidum flavum, in 25-gm. bottles—botts.	1	1	1	1	1	1
Hydrargyri unguentum, in 500-gm. jars—jars.	1	1	1	2	2	2
Hydrargyrum cum creta, in 100-gm. bottles—botts.	1	1	2	2	3	3
Hydrastis extractum fluidum, in 250-c. c. bottles—botts.	1	1	1	2	2	2
Hydrogenii dioxidi aqua* —boxes.	1	1	1	2	2	2
Hyoscinæ hydrobromas, 0.65-mgm. hypodermic tablets—tubes.	1	1	1	1	1	1
Hyoscyami extractum alcoholicum, in 25 gm. w. m. bottles—botts.	1	1	1	2	2	2
Hyoscyami pilulæ compositæ (200 in bottle)—botts.	1	1	2	2	3	3
Ichthyolum, in 25-gm. bottles—botts.	1	2	3	3	4	4
Iodoformum, in 100-gm. bottles—botts.	2	3	4	6	8	10
Iodum, in 50-gm. g. s. bottles—botts.	1	2	3	4	5	6
Ipecacuanha, 65-mgm. tablets (200 in bottle), for field use only—botts.	1	1	1	2	2	2
Ipecacuanha (pulvis), in 100-gm. bottles—botts.	1	1	1	2	2	2
Ipecacuanhæ et opii pulvis, in 250-gm. bottles—botts.	1	1	1	2	2	2
Ipecacuanhæ et opii pulvis, 324-mgm. tablets (200 in bottle)—botts.	1	1	2	2	3	3
Ipecacuanhæ extractum fluidum, in 250-c. c. bottles—botts.	1	1	2	2	3	3
Linimentum rubefaciens, tablets (50 in bottle), for field use only—botts.	2	2	3	3	4	4
Linum, in 2-kilo. tins—tins.	1	1	1	2	2	2
Linum (pulvis), in 4-kilo. tins—tins.	4	6	8	10	12	14
Lithii carbonas, in 25-gm. bottles—botts.	1	1	1	2	2	2
Lycopodium, in 50-gm. bottles—botts.	1	2	3	4	5	6
Magnesii carbonas, in 100-gm. papers—papers	4	6	8	10	12	12
Magnesii sulphas, in 4-kilo. tins—tins	1	2	3	4	5	6
Menthol, in 50-gm. bottles—botts	1	1	2	2	3	3
Morphinæ sulphas, in 10-gm. bottles—botts.	2	4	6	8	10	12
Morphinæ sulphas, 8-mgm. hypodermic tablets—tubes.	5	10	15	20	25	30
Morphinæ sulphas, 8-mgm. tablets (100 in bottle)—botts.	2	4	6	8	10	12
Myrrhæ tinctura, in 250-c. c. bottles—botts.	1	1	1	2	2	2
Nitroglycerinum, 0.65-mgm. hypodermic tablets—tubes.	1	1	2	2	3	3
Nucis vomicæ extractum, in 25-gm. bottles—botts.	1	1	2	2	3	3
Oleum caryophylli, in 25-c. c. bottles—botts.	1	1	1	1	1	1
Oleum gaultheriæ, in 100-c. c. bottles—botts.	1	1	2	2	3	3
Oleum gossypii seminis, in 1-liter bottles—botts.	12	24	36	48	60	72
Oleum menthæ piperitæ, in 100-c. c. bottles—botts.	1	1	2	2	3	3

*Each box contains all materials necessary to make three liters of a three per cent or ten volumes solution.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Medicines—Continued.						
Oleum morrhuæ, in 500-c. c. bottles—bottles	6	8	10	12	14	16
Oleum ricini, in 1-liter bottles—bottles	5	10	15	20	25	30
Oleum santali, in 100-c. c. bottles—bottles	1	1	2	2	3	3
Oleum terebinthinæ, in 1-liter bottles—bottles	2	4	6	8	10	12
Oleum theobromatis, in 250-gm. tins—tins	1	1	2	2	3	3
Oleum tiglii, in 25-c. c. bottles—bottles	1	1	1	1	1	1
Oleum tiglii, 0.006-c. c. tablets (100 in bottle), for field use only—bottles	1	1	1	2	2	2
Opii pilulæ (or tablets), 65-mgm. (200 in bottle)—bottles	1	2	3	4	5	6
Opii tinctura, in 500-c. c. bottles—bottles	1	2	3	4	5	6
Opii tinctura camphorata, in 500-c. c. bottles—bottles	4	8	12	16	20	24
Opii tinctura camphorata, 0.4-c. c. tablets (200 in bottle)—bottles	1	2	3	4	5	6
Opium (pulvis), in 100-gm. bottles—bottles	1	1	1	2	2	2
Pepsinum, in 50-gm. bottles—bottles	2	3	4	6	8	10
Petrolatum liquidum, in 500-gm. bottles—bottles	1	2	3	4	5	6
Petrolatum spissum, 48.8 C., in 500-gm. tins—tins	4	6	8	12	16	20
Phenacetinum, in 125-gm. bottles—bottles	2	2	4	4	6	6
Physostigmatis tinctura, 0.06-c. c. tablets (100 in bottle)—bottles	1	1	1	1	1	1
Physostigminæ sulphas, 1-mgm. hypodermic tablets—tubes	1	1	1	1	1	1
Physostigminæ sulphas, 0.0325-mgm. ophthalmic discs (50 in box)—box	1	1	1	1	2	2
Pilocarpi extractum fluidum, in 250-c. c. bottles—bottles	1	1	2	2	3	3
Pilulæ camphoræ et opii (or tablets), (200 in bottle)—bottles	2	3	4	5	6	7
Pilulæ carminativæ (200 in bottle)—bottles	2	3	4	5	6	7
Pilulæ catharticæ compositæ (or tablets), (200 in bottle)—bottles	3	4	6	8	10	12
Plumbi acetas, in 250-gm. bottles—bottles	1	1	2	2	3	3
Plumbi acetas, 130-mgm. tablets (100 in bottle), for field use only—bottles	1	1	1	2	2	2
Podophylli resina, in 25-gm. bottles—bottles	1	1	1	2	2	2
Podophylli resina, 16-mgm. tablets (100 in bottle), for field use only—bottles	1	1	1	2	2	2
Potassa, in 25-gm. bottles—bottles	2	2	2	4	4	4
Potassii acetas, in 500-gm. bottles—bottles	1	1	2	2	3	3
Potassii arsenitis liquor, in 250-c. c. bottles—bottles	1	1	2	2	3	3
Potassii bicarbonas, in 500-gm. bottles—bottles	1	1	2	2	3	3
Potassii bromidum, in 500-gm. bottles—bottles	1	2	3	4	5	6
Potassii chloras, in 500-gm. bottles—bottles	2	3	4	5	6	7
Potassii chloras, 324-mgm. tablets (200 in bottle), for field use only—bottles	2	3	4	5	6	7
Potassii et sodii tartras (pulvis), in 500-gm. bottles—bottles	4	6	8	10	12	14
Potassii iodidum, in 500-gm. bottles—bottles	1	2	3	4	5	6
Potassii iodidum, 324 mgm. tablets (200 in bottle), for field use only—bottles	1	1	1	2	2	2
Potassii permanganas, in 50-gm. bottles—bottles	1	1	2	2	3	3
Pruni virginianæ extractum fluidum, in 500-c. c. bottles—bottles	1	1	1	2	2	2
Quininæ hydrochloras, 32-mgm. hypodermic tablets—tubes	2	2	3	3	4	4

LIBRARY OF THE UNIVERSITY

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Medicines—Continued.						
Quininæ sulphas, in 25-gm. bottles—botts.	12	18	24	32	48	60
Quininæ sulphas, 200-mgm. tablets (500 in bottle)—botts.	4	6	8	10	12	14
Rhamni purshianæ extractum fluidum, in 500-c. c. bottles—botts.	1	1	2	2	3	3
Rhei extractum fluidum, in 250-c. c. bottles—botts.	1	1	1	2	2	2
Rheum (pulvis), in 50-gm. bottles—botts.	1	1	2	2	3	3
Saccharum lactis (pulvis), in 100-gm. bottles—botts.	1	1	2	2	3	3
Salol, 324-mgm. tablets (125 in bottle)—botts.	2	3	4	5	6	6
Salophen, in 50-gm. bottles—botts.	1	1	2	2	3	3
Santoninum, 32-mgm. tablets (50 in bottle)—botts.	1	1	1	2	2	2
Scillæ syrupus, in 500-c. c. bottles—botts.	4	8	12	16	20	24
Sinapis emplastrum, in 4-meter tins—tins.	1	2	3	4	5	6
Sinapis nigra (pulvis), in 500-gm. tins—tins.	4	6	8	10	12	14
Sodii bicarbonas, in 500-gm. bottles—botts.	4	6	8	10	12	14
Sodii bicarbonas, 324-mgm. tablets (200 in bottle), for field use only—botts.	1	1	1	2	2	2
Sodii bicarb. et menthæ pip. (tablets), (250 in bottle)—botts.	1	2	3	4	5	6
Sodii boras (pulvis), in 500-gm. bottles—botts.	1	2	3	3	4	4
Sodii bromidum, in 250-gm. bottles—botts.	1	1	2	2	3	3
Sodii hyposulphis, in 250-gm. bottles—botts.	1	1	2	2	3	3
Sodii phosphas, in 100-gm. bottles—botts.	1	1	2	2	3	3
Sodii salicylas, in 500 gm. bottles—botts.	2	3	4	5	6	7
Sodii salicylas, 324-mgm. tablets (200 in bottle)—botts.	2	3	4	5	6	8
Strophanthi tinctura, in 100-c. c. bottles—botts.	1	1	1	2	2	2
Strychninæ sulphas, 1-mgm. tablets (500 in bottle)—botts.	2	2	3	3	4	4
Sulphonal, 324-mgm. tablets (200 in bottle)—botts.	2	2	4	4	6	6
Sulphur lotum, in 250-gm. bottles—botts.	1	1	1	2	2	2
Terebenum, in 250-c. c. bottles—botts.	1	1	2	2	3	3
Thymol, in 25-gm. bottles—botts.	1	1	1	2	2	2
Tolutanum balsamum, in 250-gm. tins—tins.	1	1	2	2	3	3
Valerianæ extractum fluidum, in 250-c. c. bottles—botts.	1	1	1	2	2	2
Veratri viridis tinctura, in 100-c. c. bottles—botts.	1	1	1	1	1	1
Zinci oxidum, in 250-gm. bottles—botts.	1	1	1	2	2	2
Zinci sulphas, in 500-gm. bottles—botts.	1	1	1	2	2	2
Zinci sulphas, 324-mgm. tablets (100 in bottle), for field use only—botts.	1	1	1	2	2	2
Zingiberis extractum fluidum, in 250-c. c. bottles—botts.	2	2	3	4	5	6
218. Antiseptics and Disinfectants.						
Acid, carbolic, crude, in 1-kilo. bottles—botts.	10	15	20	25	30	35
Antiseptic tablets (200 in bottle)—botts.	2	2	3	3	4	4
Iron sulphate, commercial, in 10-kilo. boxes—boxes.	5	10	20	30	40	50
Lime, chloride, in 500-gm. w. m. bottles—botts.	10	15	20	25	30	35
Mercury, corrosive chloride, in 500-gm. bottles—botts.	1	2	3	4	5	6
Soda, chlorinated solution (6 per cent available chlorine), in 1-liter bottles—botts.	1	1	1	2	2	2
Sulphur, in roll—kilos.	10	15	20	25	30	35
Tricresol,* in 1-kilo bottles—botts.	2	3	5	6	7	8

*Tricresol will be issued *in lieu of* crude carbolic acid if desired.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
219. Hospital Stores.						
Beef extract, in 100-gm. tins or jars ——tins	10	15	20	25	30	35
Brandy, in 1-liter bottles ——botts	2	4	6	8	10	12
Soap, castile or its equivalent ——kilos	2	3	4	5	6	7
Soap, common ——kilos	5	8	10	12	14	16
Sugar, white, in 6-kilo tins ——tins	1	2	3	4	5	6
Whisky, in 1-liter bottles ——botts	6	8	12	16	20	24
220. Microscopical Accessories.						
Agar-agar, in 500-gm. packages ——pkgs	1	1	1	2	2	2
Alcohol, absolute, in 250-c. c. g. s. bottles ——botts	2	2	2	4	4	4
Aniline oil, in 125-c. c. bottles ——botts	1	1	1	2	2	2
Balsam bottle ——no	1	1	1	1	1	1
Bismarck brown, in 4-gm. bottles ——botts	1	1	1	1	1	1
Canada balsam, in 30-c. c. bottles ——botts	1	1	1	2	2	2
Carmine, in 15-g. m. bottles ——botts	1	1	1	1	1	1
Eosin, in 15-gm. bottles ——botts	1	1	1	1	1	1
Fuchsin, in 15-gm. bottles ——botts	1	1	1	1	1	1
Gelatin, in 60-gm. packages ——pkgs	10	10	10	20	20	20
Gentian violet, in 15-gm. bottles ——botts	1	1	1	1	1	1
Glass covers, 16 or 19 mm. square ——gms	30	30	30	30	30	30
Glass slides, 25 x 75 mm ——doz	4	4	4	8	8	8
Hæmatoxylon, in 8-gm. bottles ——botts	1	1	1	1	1	1
Methylene blue, in 15-gm. bottles ——botts	1	1	1	1	1	1
Oil of cedar, in 30-c. c. bottles ——botts	1	1	1	1	1	1
Peptone, in 250-gm. w. m. bottles ——botts	1	1	1	2	2	2
Paraffin, in 250-gm. cakes ——cakes	1	1	1	1	1	1
Xylenum, in 250-c. c. bottles ——botts	1	1	1	2	2	2
221. Stationery.						
Baskets, letter ——no	2	2	2	2	2	2
Baskets, waste-paper ——no	2	2	2	2	2	2
Blank books, cap, 4-quire ——no	4	4	4	6	6	6
Blank books, 8-mo., 4-quire ——no	2	2	3	3	4	4
Blotters, hand ——no	2	2	2	2	2	2
Cups, sponge ——no	2	2	2	2	2	2
Elastic bands, assorted ——gross	2	2	2	3	3	4
Envelopes, official, large ——no	100	100	100	150	150	150
Envelopes, official, letter ——no	400	400	500	500	600	600
Envelopes, official, note ——no	100	100	100	150	200	200
Erasers, steel ——no	2	2	2	2	2	2
India rubber ——pieces	2	2	3	3	4	4
Ink, writing, in 1-liter bottles ——botts	2	2	3	3	4	4
Ink, carmine, in 30-c. c. bottles ——botts	2	2	3	3	4	4
Inkstands ——no	3	3	3	4	4	4
Mucilage ——botts	2	3	4	5	6	7
Pads, prescription ——no	18	24	36	36	48	48
Pads, letter ——no	6	8	10	12	14	16
Paper, blotting ——qrs	1	1	1	2	2	2
Paper cutters ——no	2	2	2	2	2	2
Paper fasteners ——boxes	1	1	1	1	1	1
Paper weights ——no	2	2	2	2	2	2
Paper, writing, legal cap ——qrs	6	6	8	8	10	10
Paper, writing, letter ——qrs	16	16	18	18	24	24

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Stationery—Continued.						
Paper, writing, letter, typewriter—qrs.	12	16	18	20	24	24
Paper, writing, note—qrs.	6	6	6	12	12	12
Pencils, lead—no.	18	18	24	24	36	36
Penholders—no.	8	8	10	10	12	12
Penracks—no.	3	3	3	3	3	3
Pens, steel*—no.	96	96	144	144	192	192
Ribbons, copying, for typewriter, as required †—no.						
Ribbons, record, for typewriter, as required †—no.						
Rulers—no.	2	2	2	2	2	2
Stamp, penalty, rubber—no.	1	1	1	1	1	1
Typewriter—no.	1	1	1	1	1	1
222. Surgical Instruments, Appliances, and Dressings.						
Apparatus, compressed air—no.	1	1	1	1	1	1
Apparatus, electric ‡—no.	1	1	1	1	1	1
Apparatus, restraint—no.	1	1	1	1	1	1
Apparatus, steam sterilizing—no.	1	1	1	1	1	1
Atomizers, hand—no.	2	2	3	3	4	4
Bags, rubber, hot-water—no.	1	1	1	2	2	2
Bags, rubber, ice, for head—no.	1	1	1	2	2	2
Bandages, roller, assorted, in boxes of 8 dozen—boxes.	3	4	5	7	9	12
Bandages, rubber (Martin's), 4 meters by 63 mm—no.	1	1	1	2	2	2
Bandages, suspensory—no.	4	6	8	10	12	16
Bandage winder—no.	1	1	1	1	1	1
Bougies, flexible, as required—no.						
Boxes, fracture, folding—no.	1	1	1	2	2	2
Brush holders for larynx—no.	1	1	1	2	2	2
Case, aspirating—no.	1	1	1	1	1	1
Case, capital operating—no.	1	1	1	1	1	1
Case, dental, small—no.	1	1	1	1	1	1
Case, emergency—no.	1	1	2	2	3	3
Case, eye and ear—no.	1	1	1	1	1	1
Case, field operating—no.	1	1	1	1	1	1
Case, forceps, hæmostatic, 12 in set—no.	1	1	1	1	1	1
Case, genito-urethral—no	1	1	1	1	1	1
Case, genito-urinary—no.	1	1	1	1	1	1
Case, minor operating—no.	1	1	1	1	1	1
Case, obstetrical and gynecological—no.	1	1	1	1	1	1
Case, pocket—no.	1	1	2	2	2	2
Case, post-mortem—no.	1	1	1	1	1	1
Case, stomach pump—no.	1	1	1	1	1	1
Case, tooth-extracting—no.	1	1	1	1	1	1
Case, trial lenses—no.			1	1	1	1
Catheter box—no.	1	1	1	1	1	1
Catheters, flexible, as required—no						
Cotton, absorbent—kilos.	1	2	3	3	4	
Cotton, styptic, in 30-gm. packages—pkgs.	1	1	1	1	2	4
Cotton bats—kilos.	2	3	4	6	8	2 9

* Falcon, stub, large fine, and small fine will be issued as required.

† Issued on request to Surgeon General by information slip.

‡ Sulphuric acid, sulphate of copper, and bichromate of potash in 500-gram bottles, and metallic mercury in 125-gram bottles, will be issued as required for battery use.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Surgical Instruments, Appliances, and Dressings—Continued.						
Curettes, as required—no.						
First-aid packets—no.	12	18	24	36	48	60
Forceps, needle—no.	1	1	1	1	1	1
Gauze, plain—meters	40	60	80	120	160	200
Inflator, Politzer's—no.	1	1	1	1	1	1
Inhaler and vaporizer—no.	1	1	1	1	1	1
Inhaler, ether—no.	1	1	1	1	1	1
Lavage tubes—no.	1	1	1	1	2	2
Ligatures, catgut, sterilized, in alcohol, 3 sizes, 1 meter each, in bottles—bottles	2	2	3	3	4	5
Ligature silk—gms.	15	15	30	30	45	45
Ligature, silkworm gut—coils	1	1	2	2	3	3
Muslin, unbleached—meters	5	5	10	10	15	15
Needles, common, assorted—papers	1	1	1	2	2	2
Needles, surgical, assorted, as required—no.						
Needles, surgical (Hagedorn's), 20 in set—sets	1	1	1	1	1	1
Oakum or its equivalent—kilos	5	8	10	12	15	20
Paper, dressing, oiled, in 24-meter rolls—rolls	1	1	2	3	4	5
Pins, assorted—papers	4	6	8	10	12	15
Pins, safety, 3 sizes—dozen	3	3	6	6	8	10
Plaster, adhesive, 30 cm. wide, in 5-meter rolls—meters	20	25	30	40	50	60
Plaster, isinglass, in 1-meter rolls—meters	2	2	4	4	6	6
Plaster of paris, in 2-kilo tins—kilos	4	4	6	10	12	14
Pouches, hospital corps, as required—no.						
Pouches, orderly—no.	1	1	1	1	2	2
Probangs—no.	4	4	6	6	10	10
Rubber sheeting—meters	4	4	6	6	8	8
Scarificator—no.	1	1	1	1	1	1
Silk, gray, for shades—meters	¼	¼	½	½	1	1
Silk, oiled, in 5-meter rolls—meters	5	5	10	10	15	15
Speculum, rectal—no.	1	1	1	1	1	1
Splints, felt for—pieces	4	6	8	8	10	10
Sponge holders for throat—no.	1	1	1	2	2	2
Sponges, chloroform—no.	1	1	1	2	2	2
Sponges, small, in strings of 50—no.	50	50	50	100	100	100
Sprinklers, iodoform, h. r—no.	1	1	1	2	2	2
Surgical pump—no.	1	1	1	1	1	1
Syringes, hypodermic—no.	1	1	1	2	2	3
Syringes, rubber, self-injecting, bulb—no.	4	4	4	6	6	6
Syringes, rubber, self-injecting, fountain—no.	2	2	2	3	3	3
Tape, cotton—pieces	2	2	3	3	4	5
Tents, laminaria or tupelo—no.	6	6	12	12	18	18
*Thermo-cautery (Paquelin's)**—no.	1	1	1	1	1	1
Thermometers, clinical—no.	2	2	2	3	3	4
Thread, cotton, assorted—spools	2	2	3	3	4	4
Thread, linen, unbleached—gms.	30	30	30	60	60	60
Tongue depressors—no.	1	1	1	2	2	2
Tourniquet and bandage, rubber—no.	1	1	1	1	1	1
Tourniquets, field—no.	4	8	16	24	32	40
Trusses, single—no.	2	3	4	6	6	8
Trusses, double—no.	1	1	1	2	2	2
Tubes, drainage, Nos. 1, 2, and 3, of each—meters	1	1	1	1	1	1
Wire, suture, silver, in loops—loops	1	1	1	2	2	2

*Benzine, of a specific gravity not greater than 0.724, in 1-liter bottles, will be issued as required for use with this cautery.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
223. Furniture, Bedding, and Clothing.						
Basin, wash, delf, for office—no.	1	1	1	1	1	1
Basins, wash hand, agate ware—no.	6	6	6	10	10	10
Bath tubs—no.	1	1	2	2	3	3
Bed cradles—no.	1	1	2	2	3	3
Beds, invalid—no.	1	1	1	1	2	2
Bedsteads, with woven-wire mattresses—no.	12	12	18	18	30	30
Bedstead casters, for beds in wards only, as required—no.						
*Blanket cases, for field use only**—no.						
Blankets, gray, for field use only, as required—no.						
Blankets, white—no.	40	50	70	100	100	100
Bookcases—no.	1	1	1	2	2	2
Cabinet for blanks—no.	1	1	1	1	1	1
Chairs, arm—no.	10	12	15	20	25	30
Chairs, common—no.	10	12	15	20	25	30
Chairs, invalid, rolling—no.	1	1	1	2	2	2
Chairs, office, revolving—no.	1	1	1	2	2	2
Chairs, rocking—no.	3	3	4	5	6	6
Clocks†—no.	3	3	3	4	4	4
Close stools—no.	1	1	2	2	3	4
Commodes, earth closet—no.	1	1	2	2	3	3
Cuspidors—no.	6	6	10	10	15	15
Desks, field, as required—no.						
Desks, office—no.	1	1	1	2	2	2
Desks, office, cloth or rubber duck top for, as required—no.						
Dish, soap, with cover, for office—no.	1	1	1	1	1	1
Furniture, field, folding, as required—set.						
Lamps, hand—no.	2	2	2	3	3	3
Lamps, stand—no.	2	2	2	3	3	3
Linoleum, as required—meters.						
Looking-glasses—no.	4	4	6	6	8	8
Mats, door, manila—no.	4	4	6	6	8	8
Mats, door, woven wire—no.	3	3	4	4	5	8
Matting, cocoa, as required—meters.						
Matting, cocoa, zinc ends for, as required—no.						
Mattress covers—no.	6	6	10	10	15	15
Mattresses, hair—no.	10	12	18	24	30	40
Mosquito bars, as required—no.						
Oilcloth for table—meters.	6	6	6	12	12	12
Pillows, feather—no.	6	6	6	12	12	12
Pillows, hair—no.	15	24	30	40	50	60
Pillowcases, cotton—no.	40	40	60	80	100	130
Pitcher, delf, for office—no.	1	1	1	1	1	1
Pitcher, ice, silver-plated—no.	1	1	1	1	1	1
Quilts, colored—no.	12	12	18	24	30	36
Quilts, white—no.	12	12	18	24	30	36
Refrigerators—no.	1	1	1	2	2	2
Safe, iron—no.	1	1	1	1	1	1
Screens, bed, folding, frames for—no.	2	2	2	4	4	4
Screens, door, wire, as required—no.						
Screens, window, wire, as required—no.						

*Issued in the proportion of one case to ten gray blankets.

†Clocks will be issued on the basis of one for each ward, one for kitchen, and one for dispensary.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Furniture, Bedding, and Clothing—Continued.						
Screens, wire netting for, as required ——meters						
Sheets, cotton——no	40	50	75	100	125	150
Shirts, cotton——no	20	20	40	40	50	60
Slippers——pairs	12	12	18	18	24	36
Tablecloths, linen——meters	15	15	20	25	30	35
Tables, bedside——no	12	12	18	18	30	30
Tables, dining, extension——no	1	1	1	1	2	2
Towels, hand——doz	4	8	12	15	18	20
Towels, roller——doz	1	1	2	3	4	5
Window curtains, as required——no						
Window-curtain fixtures, as required——sets						
224. Miscellaneous.						
Bacteriological set, as per list——no			1	1	1	1
Bath bricks——no	2	2	4	4	6	6
Bedpans, delf or agate ware——no	2	3	4	5	5	6
Bell, call——no	1	1	1	1	1	1
Blowers, for insect powder——no	1	1	1	1	2	2
Boiler, tin——no	1	1	1	1	1	1
Boilers, double, for cooking——no	1	1	1	1	2	2
Bowl, chopping——no	1	1	1	1	1	1
Bowls, soup, delf——no	18	24	36	48	60	72
Bowls, sugar, with lid——no	2	2	4	4	6	6
Boxes, ointment, impervious——doz	12	15	20	25	30	35
Boxes, pill——doz	20	25	30	40	50	60
Boxes, powder——doz	18	18	24	30	36	48
Brooms——no	12	18	24	36	48	48
Brooms, whisk——no	2	2	2	2	2	2
Brushes, dust——no	2	2	4	4	6	6
Brushes, flesh, rubber——no	1	1	1	1	2	2
Brushes, nail——no	1	1	1	1	2	2
Brushes, nail, holder for——no	1	1	1	1	1	1
Brushes, scrubbing——no	12	12	18	18	24	24
Brushes, stove-blacking——no	3	3	3	4	4	4
Buckets, covered, 7-liter——no	2	2	4	4	5	6
Buckets, fiber or wood——no	4	6	8	10	12	15
Buckets, fire, galvanized iron——no	12	12	18	18	24	24
*Burner, Bunsen's**——no	1	1	1	1	1	1
Can openers——no	2	2	2	2	2	2
Candlesticks——no	2	2	2	2	2	2
Cans, milk, 9-liter——no	1	1	2	2	2	3
Capsules, gelatin, 100 in box, 4 sizes——boxes	10	12	16	20	24	30
Casters——no	1	1	2	2	2	2
Chamois skins——no	2	2	3	3	4	4
Charts, anatomical, in case——set	1	1	1	1	1	1
Chemical set, as per list——no			1	1	1	1
Chest, commode, as required——no						
Chest, food, as required——no						
Chest, medical, as required——no						
Chest, mess, as required——no						
Chest, surgical, as required——no						

*Will not be issued to posts that have no gas supply.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Miscellaneous—Continued.						
Cleaver—no.	1	1	1	1	1	1
Clothes baskets or bags—no.	2	2	2	3	4	4
Clothesline, manila—meters.	60	60	60	90	90	90
Colanders—no.	1	1	1	2	2	2
Cork borers, set of 6—set.	1	1	1	1	1	1
Cork extractor—no.	1	1	1	1	1	1
Cork presser—no.	1	1	1	1	1	1
Corks, assorted, in bags of 24 dozen—doz.	48	48	96	96	144	144
Corks, large (No. 10)—doz.	2	2	3	3	4	4
Corkscrews—no.	2	2	2	3	3	3
Crutches—pairs.	4	4	6	6	8	8
Crutches, rubber tips for—no.	8	8	12	12	16	16
Cups—no.	18	24	36	48	60	72
Cups, feeding—no.	2	4	6	8	10	12
Cups, spit—no.	4	6	8	10	12	15
Cushions, rubber, small—no.	2	2	2	3	3	3
Cushions, rubber, with open center—no.	1	1	1	2	2	2
Cutting pliers, for fixed bandages—no.	1	1	1	1	1	1
Dippers—no.	3	3	4	4	5	5
Dish covers, wire netting, assorted—no.	6	6	9	9	12	12
Dishes, meat, assorted—no.	6	6	8	8	12	12
Dishes, vegetable, with covers—no.	4	4	6	8	10	12
Dispensing set—set.	1	1	1	1	1	1
Dispensing set, labels for, glass—set.	1	1	1	1	1	1
Drawer pulls, with labels, as required—no.						
Dusters, feather, long handle—no.	1	1	1	2	2	2
Dusters, feather, short handle—no.	2	2	3	3	4	4
Egg-beater—no.	1	1	1	1	1	1
Envelopes for tablets, 5 x 6 cm—doz.	20	25	30	35	40	50
Eye shades—no.	2	2	3	3	4	4
Fans—no.	12	12	18	18	24	24
Fire extinguishers (force pump)—no.	1	1	1	2	2	2
Flasks, 500-c. c—no.	2	2	3	3	4	4
Flasks, 1,000-c. c—no.	2	2	3	3	4	4
Forks, carving—no.	2	2	2	3	3	3
Forks, flesh—no.	1	1	1	2	2	2
Forks, table, common (see note, page 81)—no.						
Forks, table, silver-plated—no.	24	36	48	56	72	72
Funnels, glass, 250 c. c., 500 c. c., and 1 liter—no.	3	3	3	6	6	6
Glue, liquid, in 250-c. c. cans—cans.	1	1	1	2	2	2
Grater, large—no.	1	1	1	1	1	1
Graters, small—no.	1	1	1	2	2	2
Gravy boats—no.	2	2	4	4	5	6
Gridirons—no.	1	1	2	2	2	2
Grindstone, complete, 25-cm., kitchen—no.	1	1	1	1	1	1
Hammer—no.	1	1				
Hand grenades—no.	12	18	24	36	48	48
Hatchets—no.	1	1				
Hone—no.	1	1	1	1	1	1
Hose, canvas, 2.5-cm., in 15-meter lengths—meters.	30	30	30	60	60	60
Hose, nozzles, plain and spray—no.	2	2	2	2	2	2
Hose, reel cart for—no.	1	1	1	1	1	1
Insect powder, in 500-gm. tins—tins.	2	2	4	4	6	6
Kettles, tea—no.	2	2	2	3	3	3

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Miscellaneous—Continued.						
Knives, bread—no.	1	1	1	2	2	2
Knives, butcher's—no.	1	1	1	2	2	2
Knives, carving—no.	2	2	2	3	3	3
Knives, chopping—no.	1	1	1	1	1	1
*Knives, table, common**—no.						
*Knives, table, silver-plated**—no.	24	36	48	56	72	72
Labels for vials—gross.	2	3	4	5	6	7
Ladder, step—no.	1	1	1	1	1	1
Ladles—no.	2	2	2	3	3	3
Lamp chimneys, as required †—no.						
Lamp shades, as required—no.						
Lamps, spirit, glass—no.	1	1	1	2	2	2
Lamp wicks, as required †—no.						
Lantern glasses, extra, red or white, as required—no.						
Lantern wicks, as required—no.						
Lanterns—no.	2	2	2	3	3	3
Lawn mower—no.	1	1	1	1	1	1
Litters—no.	2	2	3	3	4	5
Litters, canvas for, as required—pieces.						
Litters, straps for, as required—no.						
Litter slings—no.	3	4	5	6	8	10
Lye, concentrated, in 500-gm. tins—tins.	6	8	10	12	14	16
Measures, 500 c. c. to l liter—set.	1	1	1	1	1	1
Measures, graduated, glass, 100-c. c—no.	2	2	2	3	3	3
Measures, graduated, glass, 250-c. c—no.	2	2	2	3	3	3
Measures, graduated, glass, 500-c. c—no.	2	2	2	2	2	3
Meat cutter—no.	1	1	1	1	1	1
Medicine droppers—no.	12	12	24	24	36	48
Medicine glasses—no.	2	2	3	4	5	6
Microscope—no.	1	1	1	1	1	1
Microtome, large—no.			1	1	1	1
Mills, coffee—no.	1	1	1	2	2	2
Mop handles—no.	4	6	8	8	10	10
Mortar and pestle, glass, 10-cm—no.	1	1	1	1	1	1
Mortar and pestle, Wedgwood, 8-cm—no.	1	1	1	1	2	2
Mortars and pestles, Wedgwood, 20-cm—no.	1	1	2	2	3	3
Mortars and pestles, Wedgwood, 30-cm—no.	1	1	1	1	1	1
Mouse traps—no.	2	2	2	2	2	2
Nail puller—no.	1	1				
Naphthalin, in 5-kilo. boxes—kilos.	5	5	5	5	5	5
Needle, sailmaker's—no.	1	1	1	1	1	1
Needle, upholsterer's—no.	1	1	1	1	1	1
Oil can, with pump, 22-liter—no.	1	1	1	1	1	1
Ophthalmoscope—no.	1	1	1	1	1	1
Pack saddle, as required—no.						
Pails, milk, with strainer—no.	1	1	1	2	2	2
Pans, dish—no.	2	2	2	3	3	3
Pans, dust—no.	2	2	3	3	4	4
Pans, frying—no.	1	1	2	2	3	3
Pans, milk—no.	6	6	8	8	10	10

* Knives, forks, and spoons, silver-plated, when so much worn as to be unfit for table use, will be dropped as "silver-plated" and taken up as "common."

† State kind of lamp for which chimneys and wicks are desired.

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Miscellaneous—Continued.						
Pans, muffin—no.	2	2	3	3	4	4
Pans, sauce—no.	2	2	2	3	3	3
Paper, filtering, round, 25-cm—pkgs.	2	2	3	3	4	5
Paper, litmus, blue and red, of each—sheets.	2	2	3	3	4	4
Paper, tarred, in 30-meter rolls—rolls.	1	1	1	1	1	1
Paper, toilet—pkgs.	20	30	40	60	80	100
Paper, urinary test, assorted—pkgs.	1	1	1	1	2	2
Paper, wrapping, blue and white, of each—qrs.	2	4	6	8	10	12
Paper, wrapping, brown—qrs.	1	2	3	4	5	6
Pencils, hair, 1 dozen in vial—doz.	2	3	4	4	5	6
Percolators, glass—no.	1	1	1	2	2	2
Pickle dishes—no.	2	2	4	4	5	6
Pill machine—no.	1	1	1	1	1	1
Pill tile, 12 to 25 cm—no.	1	1	1	1	1	1
Pipettes, graduated, 5-c. c—no.	2	2	2	3	3	3
Pitchers, delf, 500-c. c—no.	2	4	4	6	8	10
Pitchers, delf, 1-liter—no.	2	4	4	6	6	8
Pitchers, sirup, glass—no.	2	2	3	3	4	4
Plates, dinner—no.	18	24	36	48	60	72
Potato masher—no.	1	1	1	1	1	1
Pots, chamber—no.	2	2	4	4	6	6
Pots, coffee, agate ware or tin—no.	2	2	2	3	3	3
Pots, tea, agate ware or tin—no.	2	2	2	3	3	3
Pots, watering—no.	1	1	1	1	1	1
Prescription file—no.	1	1	1	1	1	1
Pus basins—no.	1	1	1	2	2	2
Razor—no.	1	1	1	1	1	1
Razor strop—no.	1	1	1	1	1	1
Retort stand—no.	1	1	1	1	1	1
Rolling-pin—no.	1	1	1	1	1	1
Saltcellars, glass—no.	8	8	10	10	12	15
Sapolio—kilos.	3	4	5	7	10	12
Saucers—no.	18	24	36	48	60	72
Saw, butcher's—no.	1	1	1	1	1	1
Saw, hand—no.	1	1				
Scales and weights, apothecary's—no.	1	1	1	1	1	1
Scales and weights, balance, in glass case—no.	1	1	1	1	1	1
Scales and weights, grocer's—no.	1	1	1	1	1	1
Scales and weights, platform—no.	1	1	1	1	1	1
Scoops—no.	1	1	1	2	2	2
Screw-drivers, large and small—no.	2	2				
Settees for porch or hall—no.	1	1	2	2	3	3
Shaving brush—no.	1	1	1	1	1	1
Shears—no.	2	2	2	2	2	2
Sickle—no.	1	1	1	1	1	1
Sieves, flour—no.	1	1	1	2	2	2
Skeleton, in cabinet—no.	1	1	1	1	1	1
Skimmers—no.	1	1	1	2	2	2
Spatulas, 15-cm—no.	1	1	2	2	2	2
Spatulas, 7-cm—no.	1	1	2	2	2	2
Sponges, bath, large—no.	2	2	2	3	4	4
Spoons, basting, agate ware or tinned iron—no.	2	2	2	2	3	3
Spoons, table, common (see note, page 81)—no.						
Spoons, table, silver-plated—no.	18	24	36	48	56	72

SUPPLY TABLE—Continued.

Articles.	Allowance for posts having official population of—					
	100	200	400	600	800	1,000
Miscellaneous—Continued.						
Spoons, tea, common (see note, page 81)—no.						
Spoons, tea, silver-plated—no.	18	24	36	48	56	72
Stamp, with outfit, for marking hospital clothing—no.	1	1	1	1	1	1
Steels—no.	1	1	1	1	2	2
Stethoscope—no.	1	1	1	1	1	1
Stethoscope, double—no.	1	1	1	1	1	1
Stove, coal oil, if required—no.	1	1	1	1	1	1
Stove blacking—papers.	6	10	10	20	20	25
Suppository mold—no.	1	1	1	1	1	1
Syringes, penis, glass, in case—no.	30	42	60	72	96	96
Tablet machine, with 200 and 324 mgm. dies—no.	1	1	1	1	1	1
Talcum (French chalk), 1-kilo. packages—kilos.	2	2	2	2	2	2
Tape measures, linen, 1-meter—no.	1	1	1	2	2	2
Test tubes—no.	12	12	18	18	24	24
Test tubes, stand for—no.	1	1	1	1	1	1
Thermometers—no.	2	2	2	3	3	3
Tools, chest of—no.			1	1	1	1
Trays, antiseptic—no.	1	1	1	1	2	2
Trays, butler's—no.	2	2	4	4	6	8
Trays, bed, with legs—no.	2	2	4	6	8	8
Trimmer, lamp—no.	1	1	1	1	1	1
Trowel, garden—no.	1	1	1	1	1	1
Tubing, glass, assorted—kilos.	½	½	½	1	1	1
Tubing, rubber—meters.	2	2	3	3	4	4
Tumblers, glass—no.	24	36	36	50	60	84
Twine, fine and coarse—kilos.	1	1	2	2	3	3
Twine boxes—no.	2	2	2	2	2	2
Urinals, delf or agate ware—no.	4	4	6	6	8	8
Urinometers—no.	1	1	1	2	2	2
Vials, 50 in box, two 180-c. c., twelve 120-c. c., eighteen 60-c. c., twelve 30-c. c., six 15-c. c.—boxes.	10	15	20	25	30	35
Vials, 4-c. c—dozen.	2	3	4	5	6	7
Vision-test set—no.	1	1	1	1	1	1
Washtubs—no.	1	1	1	1	2	2
Water coolers—no.	2	2	2	3	3	3

225. FURNITURE AND APPLIANCES FOR OPERATING ROOM.

The following articles will be furnished, on requisition, to those posts at which the surgeon reports that a room is available for use as an operating room:

1 operating table.
1 table for instruments.
*1 case for instruments.
*1 case for dressings, etc.
6 scalpels, metal handles.
3 operating gowns for surgeons and assistants.

*NOTE.—Authority will be given for the purchase or manufacture of these cases at the post if they can be so obtained at a reasonable price.

1 surgical cushion, Kelly's.
8 tubes, catgut, assorted sizes, in Fowler's tubes.
1 dozen spools, Halstead's, for silk ligature.
1 coil silkworm gut.
1 dozen brushes for cleansing.
1 kilo green soap.

ENAMELED WARE.

1 instrument boiler.
2 wash basins.
4 basins for sponges, etc.
2 pitchers.
2 pails.
2 trays for instruments.

GLASSWARE.

2 Petri's dishes for needles, etc.
2 small jars, covered, for ligatures, etc.
4 larger jars, covered, for dressings, etc.
6 flasks for flushing solutions.
6 4-liter bottles, g. s., for antiseptic solutions.

226. COMPOSITION OF TABLETS.

The words pills, tablets, and trochisci are used synonymously throughout the Supply Table. Compound tablets which are not official and are referred to by these names have the following composition:

Aloini Pilulæ Compositæ.	
Aloinum—mgms.	8
Podophylli resina—mgms.	8
Belladonnæ fol. ext. alc.—mgms.	8
Strychnina—mgm.	0.8
Oleoresina capsici—mgms.	2.7

Ammonii Chloridi Trochisci.	
Ammonii chloridi—mgms.	130
Extractum glycyrrhizæ purum—mgms.	518
Oleum anisi—mgms.	3

Antiseptic.	
Hydrargyri chloridum cor.—mgms.	500
Ammonii chloridum—mgms.	475
One tablet to one-half liter of water makes a 1-to-1000 solution.	

Copaibæ Pilulæ Compositæ.	
Copaiba—mgms.	100
Resina guaiaci—mgms.	24
Ferri citras—mgms.	24
Oleoresina cubebæ—mgms.	40

Ferri Pilulæ Compositæ.	
Ferri pyrophosphas—mgms.	65
Quininæ sulphas—mgms.	32
Strychninæ sulphas—mgm.	1

Hydrarg. Chl. Mite Cum Sodii Bicarb.	
Hydrargyri chl. mite—mgms.	32
Sodii bicarb—mgms.	65

Hyoscyami Pilulæ Compositæ.	
Extractum hyoscyami—mgms.	65
Camphora—mgms.	65
Oleoresina capsici—mgms.	3
Morphinæ acetas—mgms.	3

COMPOSITION OF TABLETS—Continued.

Linimentum Rubefaciens.	
Camphora ——mgms.	500
Capsicum ——mgms.	500
Ext. belladonnæ fol. alc ——mgms.	500
Dissolve one tablet on 30 c. c. of alcohol.	
Mistura Glycyrrhizæ Composita.	
Extractum glycyrrhizæ ——mgms.	6
Camphora ——mgms.	2.5
Acidum benzoicum ——mgms.	2.5
Opium ——mgms.	2.5
Antimonii et pot. tartras ——mgm.	1
Oleum anisi ——mgms.	2.5
Each tablet is the practical equivalent of 4 c. c. of brown mixture.	

Pilulæ Camphoræ et Opii.	
Camphora ——mgms.	130
Opium ——mgms.	65
Pilulæ Carminativæ.	
Morphinæ sulphas ——mgm.	0.8
Camphora ——mgms.	16
Extractum rhei ——mgms.	32
Sodii carbonas exsic ——mgms.	100
Oleoresina capsici ——mgms.	2.7
Oleum menthæ piperitæ ——mgms.	5
Sodii Bicarb. et Mentha pip.	
Sodii bicarbonas ——mgms.	258
Ammonii carbonas ——mgms.	16
Oleum menthæ piperitæ ——mgms.	5

227. BOTTLES AND JARS CONTAINED IN DISPENSING SET.

Tincture Bottles.	
1-liter ——no.	11
500-c. c ——no.	9
250-c. c ——no.	21
125-c. c ——no.	6
60-c. c ——no.	18
Tincture Bottles, Blue.	
125-c. c ——no.	2
Steeple-top Jars.	
250-gm ——no.	10

Salt-mouth Bottles.	
500-gm ——no.	9
250-gm ——no.	28
125-gm ——no.	22
60-gm ——no.	23
Salt-mouth Bottles, Blue.	
60-gm ——no.	4
Total.	
Bottles ——no.	153
Jars ——no.	10

228. CONTENTS IN DETAIL OF THE CASES, ETC.

(To which reference is made in the Supply Table.)

COMPRESSED-AIR APPARATUS.

Air container, with gauge ——no.	1
Force pump ——no.	1
Tubing, thick rubber, silk-covered, connecting container with cut-off ——meters.	2.4
Tubing, thick rubber, connecting container with force pump ——meters.	1.2
Davidson's sprays, in set, viz:	
Atomizer tubes, h. r ——no.	3
Bottles, with h. r. caps ——no.	3
Cut-off, metal ——no.	1
Stand for bottles ——no.	1
Tube connector, h. r ——no.	1
Tube, wires for cleaning ——no.	2

229. RESTRAINT APPARATUS.

(In wooden box, with handle and lock.)

Anklets	pair	1	*Strap, bed,* as per circular	no.	1
Keys to lock buckles	no.	5	*Strap, waist*	no.	1
Muff, leather	no.	1	*Wristlets*	pair.	1

230. SPRAY-PRODUCING APPARATUS.

(Rumbold's, for Petrolatum.)

Air bulb, soft rubber	no.	1	*Spray producers, metal,* (Nos. 1, 2, 4, 5)	no.	4
Mirror, hinged, 3 glasses	no.	1	*Tongue depressor, 3 blades*	no.	1
Speculum, nasal, adjustable blades	no.	1			

231. CONTENTS OF ASPIRATING CASE.

(In morocco case.)

Needles, aspirating	no.	3	*Tube, metallic, with extra wires*	no.	1
Obturator, blunt, for cannula	no.	1	*Tubing attachments*	no.	4
Pump	no.	1	Tubing, rubber	pieces.	3
Tube, double current, metal, with rubber stopper	no.	1	*Trocar and cannula, with stopcock*	no.	1

232. CONTENTS OF CAPITAL OPERATING CASES.

Two patterns of cases under this name have been issued, and will be referred to hereafter as Nos. 1 and 2, in accordance with the dates of issue. The contents are essentially the same, but they may be readily distinguished by No. 1 being a narrow, thick case, containing a leaden mallet, while No. 2, which was a part of most of the late personal sets, is a wide, flat case, and does not contain a mallet.

CASE NO. 1.

(In mahogany case, with leather pouch.)

Catlin, long	no.	1	*Needle, aneurism, handle, and 3 tips*	no.	1
Catlin, small	no.	1	*Needle, key, artery*	no.	1
Chisel	no.	1	Needles, surgeon's	no.	12
Drills, with one handle	no.	4	*Retractors*	no.	2
Elevator and raspatory, combined	no.	1	*Saw, bow, 2 blades*	no.	1
Forceps, artery, fenestrated, spring catch	no.	1	*Saw, chain*	no.	1
Forceps, bone, gouge	no.	1	*Saw, Hey's*	no.	1
Forceps, bone, long, slightly bent	no.	1	*Saw, metacarpal*	no.	1
Forceps, bone, long, angled	no.	1	*Scalpels*	no.	3
Forceps, sequestrum	no.	1	*Scissors, straight*	no.	1
Gouge	no.	1	*Tanaculum*	no.	1
Hook, double	no.	1	*Tourniquet, screw*	no.	1
Knife, amputating, long	no.	1	*Trephine, brush for*	no.	1
Knife, amputating, medium	no.	1	*Trephine, conical*	no.	1
Knife, cartilage	no.	1	*Trephine, crown*	no.	1
Ligature, silk	gms.	5	*Trephine, handle for*	no.	1
Mallet, leaden	no.	1	Wax	piece.	1

CASE NO. 2.

(In mahogany case, with leather pouch.)

Bistoury, straight	no. 1	*Needle, key, artery*	no. 1
Catlin, long	no. 1	Needles, surgeon's	no. 12
Catlin, small	no. 1	*Raspatory*	no. 1
Chisel	no. 1	*Razor*	no. 1
Drills, with one handle	no. 4	*Retractors*	no. 2
Elevator	no. 1	*Saw, bow, 2 blades*	no. 1
Forceps, artery, bulbous, slide catch	no. 1	*Saw, chain*	no. 1
Forceps, bone, gouge, curved	no. 1	*Saw, Hey's*	no. 1
Forceps, bone, gouge, straight	no. 1	*Saw, movable back*	no. 1
Forceps, bone, long	no. 1	*Scalpels*	no. 3
Forceps, lithotomy	no. 1	*Scissors, straight*	no. 1
Forceps, sequestrum	no. 1	*Tenaculum*	no. 2
Gouge	no. 1	*Tourniquet, screw, with pad*	no. 1
Knife, amputating, long	no. 1	*Trephine, brush for*	no. 1
Knife, amputating, medium	no. 1	*Trephine, conical*	no. 2
Knife, cartilage	no. 1	*Trephine, handle for*	no. 1
Ligature, silk	gms. 5	*Trocar and cannula, straight*	no. 1
Needle, aneurism, handle and 3 tips	no. 1	Wax	piece 1

233. CONTENTS OF DENTAL CASE.

(In small morocco case.)

Burnishers (Nos. 3, 29, 36)	no. 3	Gutta-percha	gms. 30
Chisels (Nos. 77, 135)	no. 2	*Handles for instruments*	no. 6
Explorer (No. 5)	no. 1	*Hone*	no. 1
Excavators (Nos. 10, 14, 16, 21, 41, 82, 86, 141, 143, 145)	no. 10	*Mirror*	no. 1
Files (2 each of Nos. 00, 0, 1)	no. 6	Paper, bibulous	sheets 6
Forceps, college	no. 1	*Scaler (No. 3)*	no. 1
		Spatula (No. 1)	no. 1

234. CONTENTS OF EMERGENCY CASE.

Tablets in 15-c. c. Bottles.

Acetanilidum	mgms.	200
Acidum tannicum	mgms.	324
Aconiti tinctura	c. c.	0.1
Aloini compositæ		
Antipyrinum	mgms.	324
Antiseptic		
Bismuthi subnitras	mgms.	324
Carminativæ		
Catharticæ compositæ		
Chloral	mgms.	324
Digitalis tinctura	c. c.	0.3
Ergotinum	mgms.	130
Hydrargyrum chl. mite cum sodii bicarb		
Ipecacuanha et opium		
Morphinæ sulphas	mgms.	8
Opii tinctura camphorata	c. c.	0.4
Phenacetinum	mgms.	324
Potassii bromidum	mgms.	324
Quininæ sulphas	mgms.	200
Sulphonal	mgms.	324

Hypodermic Tablets, in Tubes.

Apomorphinæ hydrochloras*	mgms.	6
Atropinæ sulphas*	mgm.	0.65
Cocainæ hydrochloras	mgms.	10
Digitalinum*	mgm.	1
Morphinæ sulphas*	mgms.	8
Nitroglycerinum	mgm.	0.65
Quininæ hydrochloras	mgms.	32
Strychninæ sulphas	mgm.	1

Instruments.

Bistoury, curved and straight, of each	no.	1
Forceps, hæmostatic	no.	1
Ligature, silk	gm.	1
Needles, surgical	no.	6
Plaster, isinglass	roll	1
Scissors, straight	no.	1

Syringe, hypodermic	no.	1
Thermometer, clinical	no.	1

* Tablets marked thus are in the hypodermic syringe case.

235. CONTENTS OF EYE AND EAR CASE.

(In mahogany case, with leather pouch.)

This list does not correspond to the contents of all eye and ear cases; discrepancies should be noted.

Bottles, g. s., 4-c. c	no.	2	*Needle, curved*	no.	1
Catheter, eustachian, h. r	no.	1	*Needle, stop, curved*	no.	1
Curette	no.	1	*Needle, stop, straight*	no.	1
Cystotome and scoop	no.	1	*Needle, straight*	no.	1
Director, lachrymal	no.	1	Needles, fine	no.	6
Forceps, angular, for ear	no.	1	*Ophthalmoscope*	no.	1
Forceps, cilia	no.	1	*Optometer (Thompson's)*	no.	1
Forceps, fixation	no.	1	*Probes, lachrymal, double, silver*	no.	4
Forceps, iridectomy, angular	no.	1	*Scalpel*	no.	1
Forceps, iridectomy, curved	no.	1	*Scissors, curved on the flat*	no.	1
Forceps, iridectomy, straight	no.	1	*Scissors, iris (Noyes's) on handle*	no.	1
Hook, blunt	no.	1	*Scissors, strabismus*	no.	1
Hook, blunt, curved shank	no.	1	*Scissors, straight*	no.	1
Hook, double	no.	1	*Scoop and hook, metal handle*	no.	1
Hook, strabismus	no.	2	Silk, fine	gm.	1
Keratome, angular	no.	2	*Speculums, ear, in nest*	no.	3
Knife (Beer's), cataract	no.	1	*Speculum, eye, stop*	no.	1
Knife (Graefe's), linear	no.	1	*Speculum, eye, stop (Graefe's)*	no.	1
Knife, iris	no.	1	*Spoon, lens, h. r*	no.	1
Knife, iris, double-edge	no.	1	*Spoon, lens, fenestrated*	no.	1
Lid holder, large and small	no.	2	*Spud, Dix's*	no.	1
Lid holder, hard rubber	no.	1	*Styles, lachrymal, silver*	no.	2
Mirror, laryngeal	no.	2	*Syringe (Anel's), with 3 tips*	no.	1
Mirror, laryngoscopic, with head band	no.	1	Wax	piece.	1

236. CONTENTS OF FIELD CASE.*

(In wooden case, with leather pouch and sling strap with buckle and snap hooks.)

Bistoury, curved	no.	1	Ligature, silk	gms.	3
Catheter, silver, jointed	no.	1	Needles, surgeon's	no.	12
Director and aneurism needle	no.	1	*Probe (Nélaton's)*	no.	1
Forceps, artery and needle, combined	no.	1	*Saw blade, movable back*	no.	1
Forceps, bone	no.	1	*Saw blade, handle*	no.	1
Forceps, bullet	no.	1	*Scalpel*	no.	1
Forceps, dressing	no.	1	*Scissors, straight*	no.	1
Knife, amputating, blade	no.	1	*Serrefines (Langenbeck's)*	no.	4
Knife, amputating, handle	no.	1	*Tenaculum*	no.	1
			Wax	piece.	1

*This is the case recently issued as "surgeon's field case."

237. CONTENTS OF FIELD OPERATING CASE.

(In mahogany case, with leather pouch.)

This list does not correspond to the contents of all field operating cases; discrepancies should be noted.

Bistoury, curved	no.	1	*Catlin, medium*	no.	1
Bistoury, curved, probe-pointed	no.	1	*Director*	no.	1
Bistouries, straight	no.	2	*Elevator*	no.	1
Catheters, silver, Nos. 3, 6, and 9	no.	3	*Elevator and raspatory, combined*	no.	1
Catlin, long	no.	1	*Forceps, artery, spring*	no.	1

CONTENTS OF FIELD OPERATING CASE—Continued.

Forceps, bone, curved	no.	1	*Saw, bow, 2 blades*	no.	1
Forceps, bullet	no.	1	*Saw, chain*	no.	1
Forceps, dissecting	no.	1	*Saw, Hey's*	no.	1
Forceps, dressing	no.	1	*Saw, metacarpal*	no.	1
Forceps, sequestrum	no.	1	*Scalpel*	no.	1
Knife, amputating, long	no.	1	*Scissors, angular*	no.	1
Knife, amputating, medium	no.	1	*Scissors, straight*	no.	1
Knife, hernia	no.	1	*Sounds, steel, silvered, double curve, Nos. 1–2, 3–4, 5–6, 7–8, 9–10, 11–12*	no.	6
Ligature, silk	gms.	5	*Tenaculum*	no.	1
Needle, aneurism, handle and 3 tips	no.	1	*Tourniquet, screw, with pad*	no.	1
Needle, key, artery	no.	1	*Trephine, brush for*	no.	1
Needles, surgeon's	no.	12	*Trephine, conical, and handle*	no.	1
Probe, bullet, long	no.	1	*Trocar and cannula, curved*	no.	1
Probe (Nélaton's)	no.	1	Wax	piece.	1
Razor	no.	1			
Retractors	no.	2			

238. CONTENTS OF HÆMOSTATIC FORCEPS CASE.

(In morocco case.)

Halstead's straight	no.	1	*Tait's long grip*	no.	1
Halstead's curved	no.	1	*Tait's short grip*	no.	1
Jones's angular	no.	1	*Thornton's T*	no.	1
Jones's straight	no.	1	*Wood's (Péan's) large*	no.	2
Little's fenestrated	no.	1	*Wood's (Péan's) small*	no.	2

239. CONTENTS OF HÆMOSTATIC FORCEPS CASE.

(Surgical chest.)

Halstead's curved, light	no.	6	*Pratt's T-shaped*	no.	1
Halstead's curved, heavy	no.	2	*Senn's long-jaw, mouse-toothed*	no.	1
Jones's straight	no.	2			

240. CONTENTS OF GENITO-URETHRAL CASE.

(In rosewood case.)

Bougies à boule (Otis's), metal, nickel-plated, Nos. 11, 14, 17, 21, 26, 30	no.	6	*Gauge, steel (American and French)*	no.	1
Catheter, double current, silver	no.	1	*Ganges, pasteboard (American and French)*	no.	2
Catheter, grooved and tunneled (Gouley's), with stylet	no.	1	*Guides, whalebone (Gouley's)*	no.	12
Catheter and staff, grooved and tunneled (Gouley's), with stylet	no.	1	*Guides, whalebone (Otis's)*	no.	2
Crin de Florence	no.	1	*Knife, beaked (Gouley's)*	no.	1
Dilator (Thompson's), modified by Gouley	no.	1	*Sounds, set of 4, fitting one handle*	set.	1
Director, silver (Gouley's)	no.	1	*Sounds, tunneled (Gouley's)*	no.	3
Forceps, urethral (Thompson's)	no.	1	*Tenaculum (Gouley's)*	no.	1
			Urethrotome, dilating (Gouley's), with two tunnel tips	no.	1

241. CONTENTS OF GENITO-URINARY CASE.

(In mahogany case.)

Bistoury for meatus (Otis's) ____no_	1	*Urethrometer (Otis's), hinged* __no_	1
Bougies à boule (Otis's), metal, nickel-plated, Nos. 8 to 40, inclusive _____no_	33	Urethrometer, rubber covers for _____no_	12
Endoscopes (Otis's, h. r.), Nos. 22, 26, and 32 _____no_	3	*Urethrotome, Maisonneuve's, No. 8, Otis's gauge, with two blades, two filiform bougies and one extra tunneled tip for whalebone guide* _____no_	1
Gauge (Otis's), steel _____no_	1	*Urethrotome, dilating (Otis's), straight, with two blades* ____no_	1
Guides (Otis's), whalebone _____no_	2		
Sounds (Otis's), short-beaked, steel, nickel-plated, Nos. 20 to 40, inclusive _____no_	21		

242. CONTENTS OF URETHRAL CASE.

(In rosewood case, with lock.)

But few of these have been issued. It is essentially the same as the genito-urinary case, but the arrangement and contents are somewhat different.

Bougies à boule (Otis's), metal, nickel-plated, Nos. 8 to 40, inclusive _____no_	39	*Urethrometer (Otis's), spring* __no_	1
Catheter springs, prostatic _____no_	1	Urethrometer, rubber covers for _____no_	12
Gauge, steel _____no_	1	*Urethrotome, dilating (Otis's), straight, with two blades* ____no_	1
Sounds (Otis's), short-beaked, steel, nickel-plated, Nos. 21 to 40, inclusive _____no_	26		

243. CONTENTS OF MINOR OPERATING CASE.

(In brass-bound mahogany case, with leather pouch.)

Bistoury, curved _____no_	1	*Pliers, wire-cutting, small* _____no_	1
Bistoury, curved, probe-pointed _no_	1	*Probang, œsophageal* _____no_	1
Bistouries, straight _____no_	2	*Probe (Nélaton's)* _____no_	1
Cannula (Bellocq's) _____no_	1	*Probe (Sayre's), vertebrated* ___no_	1
Catheter, prostatic, silver _____no_	1	*Scalpels* _____no_	2
Catheters, silver, Nos. 3, 6, and 9 _no_	3	*Scissors, angular* _____no_	1
Director _____no_	1	*Scissors, curved* _____no_	1
Ecraseur, wire, two tips _____no_	1	*Scissors, straight* _____no_	1
Forceps, artery, fenestrated, slide catch _____no_	1	*Serrefines* _____no_	6
Forceps, bullet _____no_	1	*Sound, small* _____no_	1
Forceps, dissecting _____no_	1	*Sounds, steel, silvered, double-curve, Nos. 1–2, 3–4, 5–6, 7–8, 9–10, 11–12* _____no_	6
Forceps, dressing _____no_	1	*Staff, grooved, large* _____no_	1
Forceps, œsophageal _____no_	1	*Staff, grooved, medium* _____no_	1
Forceps, tracheotomy (Trousseau's) _____no_	1	*Staff (Syme's)* _____no_	1
Knife, amputating _____no_	1	*Tenaculum* _____no_	1
Knife, hernia _____no_	1	*Tonsillotome* _____no_	1
Ligature, silk _____gms_	5	*Trocar and cannula, curved* ___no_	1
Needle, artery, with four tips ___no_	1	*Tubes, tracheotomy, double* ____no_	2
Needle, key, artery _____no_	1	Wax _____piece_	1
Needles, surgeon's _____no_	12		

244. CONTENTS OF OBSTETRICAL AND GYNECOLOGICAL CASE.

(In leather trunk case, with handles and lock.)

Blunt hook and crotchet, guarded	no.	1	
Bottle, g. s. and g. c., for Little's saline mixture	no.	1	
Bottle, g. s. and g. c., for styptic	no.	1	
Bottle, g. s. and g. c., for ergot	no.	1	
Catheter (Sims's) sigmoid, metal	no.	1	
Cephalotribe (craniotomy forceps)	no.	1	
Dilators (Barnes's), with stop-cocks, etc	no.	3	
Dilator, uterine, small	no.	1	
Elevator, uterine (Sims's), with two points	no.	1	
Forceps, long (Wallace's)	no.	1	
Forceps, placenta (Loomis's)	no.	1	
Forceps, short (Brickell's)	no.	1	
Funis clamp (Pulling's)	no.	1	
Perforator (Thomas's)	no.	1	
Probe, uterine, silver, with silver applicator, set-screw handle, and sponge tent expeller	no.		1
Scarifier (Buttles's)	no.		1
Scissors, uterine, curved on the flat	no.		1
Sound, folding (Simpson's)	no.		1
Speculum, vaginal and anal, combined	no.		1
Suppository tube, intra-uterine, h. r	no.		1
Syringe, rubber, self-injecting	no.		1
Tampon, small	no.		1
Tenaculum (Nott's)	no.		1
*Transfusion set (Fryer's)**	no.		1
Vectis, with handle	no.		1

* With directions for use, and consisting of a rubber tube with two bulbs, a glass receiver, and giver's and receiver's cannulæ.

245. CONTENTS OF POCKET CASE, ASEPTIC.

(In leather case, with metal clips and chamois cover.)

Bistoury, curved	no.	1	
Bistoury, curved, probe-pointed	no.	1	
Bistoury, straight	no.	1	
Catheter, jointed, male and female tips	no.	1	
Caustic holder	no.	1	
Forceps, needle and fenestrated, artery	no.	1	
Forceps, long-jawed	no.	1	
Lancet, thumb	no.	1	
Ligature, silk	gm.	1	
Needle, aneurism	no.	1	
Needle, aneurism, and grooved director	no.		1
Needle, exploring	no.		1
Needles, surgeon's	no.		.12
Probe (Nélaton's)	no.		1
Probe, silver	no.		1
Scalpel	no.		1
Scissors	no.		1
Tenaculum	no.		1
Tenotome	no.		1
Wax	piece.		1

246. CONTENTS OF POCKET CASE, PERSONAL.

(In leather case, with leather or gutta-percha cover.)

This case was formerly part of the "personal set."

Bistoury, curved	no.	1	
Bistoury, curved, probe-pointed	no.	1	
Bistoury, straight	no.	1	
Catheter, jointed, male and female tips	no.	1	
Caustic holder	no.	1	
Director, grooved	no.	1	
Forceps, artery, fenestrated	no.	1	
Forceps, dissecting	no.	1	
Forceps, dressing	no.	1	
Lancet, thumb	no.	1	
Ligature, silk	gm.		1
Needle, aneurism	no.		1
Needle, exploring	no.		1
Needles, surgeon's	no.		9
Probes	no.		2
Probe (Nélaton's)	no.		1
Scapel	no.		1
Scissors	no.		1
Tenaculum	no.		1
Tenotome	no.		1
Wax	piece.		1

247. CONTENTS OF POCKET CASE, POST.

This name will be used when reference is made to the red morocco pocket case with chamois cover issued during the past few years for post use.

The list of contents is the same as that of the aseptic pocket case, but the aneurism and exploring needles, knives, and tenaculum are detachable from the two hard-rubber or ivory handles. Some cases contain a combined needle and fenestrated artery forceps and a hæmostatic forceps; others a plain artery and a dressing forceps.

248. CONTENTS OF POST-MORTEM CASE.

(Handles of saw and of all knives are of ebony; those of costotome, hammer, and tenaculum are of steel. In mahogany box.)

Most of the post-mortem cases now in use are in accordance with the following list.

Blowpipe	1	*Knife, amputating, small*	1
Chain and hooks	1	*Knife, cartilage*	1
Chisel	1	Needles (and thread)	2
Costotome chisel	1	*Saw*	1
Enterotome	1	*Scalpels, assorted*	3
Forceps, dissecting	1	*Scissors, straight*	1
Hammer, steel	1	*Tenaculum*	1
Knife, amputating, large	1		

249. CONTENTS OF DISSECTING CASE.

(In wooden case.)

This case is dropped from the regular list of the Supply Table, as it is practically duplicated by the post-mortem case. Those now on hand will be issued to the smaller posts in lieu of the larger post-mortem case. Its contents are as follows:

Blowpipe	1	*Knife, cartilage*	1
Chain and hooks	1	Needles (and thread)	2
Chisel	1	*Scalpels, assorted*	3
Enterotome	1	*Scissors, straight*	1
Forceps, dissecting	1	*Tenaculum*	1

250. CONTENTS OF STOMACH-PUMP CASE.

(In mahogany case, with lock and key.)

Foot, metal	1	*Pipes, injecting, ivory, straight*	2
Gag, mouth	1	*Pipe guard, rectal*	1
Gag, screw	1	*Pump, brass, with lever*	1
Hose, filling and ejecting	1	*Tube, rectal (O'Beirne's)*	1
Pipe, injecting, ivory, angular	1	*Tube, stomach*	1

251. CONTENTS OF TOOTH-EXTRACTING CASE.

(In leather-covered case, with lock and double handle.)

Elevators (Nos. 6 and 7)	2	*Forceps, upper bicuspid and canine (No. 11)*	1
Forceps, cowhorn (No. 23)	1	*Forceps, upper front root (No. 1)*	1
Forceps, lower bicuspid and canine (No. 21)	1	*Forceps, upper incisor and canine (No. 13)*	1
Forceps, lower incisor and bicuspid (No. 14)	1	*Forceps, upper molar (No. 18)*	1
Forceps, lower molar (No. 15)	1	*Forceps, upper wisdom (No. 10)*	1
Forceps, universal root (No. 7)	1	*Lancet, gum*	1

252. CONTENTS OF CASE OF TRIAL LENSES.

BAUSCH & LOMB.

(In mahogany case, with lock and two keys.)

Twenty pairs spherical convex lenses.
Twenty pairs spherical concave lenses, both from 2 to 160 English inches focus. (D. 20–0.25.)
Eleven cylindrical convex lenses.
Eleven cylindrical concave lenses, both from 8.88 to 160 English inches focus. (D. 4. 50–0.25.)
Six prisms, 2°, 3°, 4°, 5°, 8°, 12°.
Five discs, one white and one ground glass, one plain metal, one metal with hole in center, and one metal with stenopaic slit.
Four colored glasses—red, blue, green, and brown.
One graduated trial frame, No. 3, double cell.
One graduated trial frame, No. 2, double cell, adjustable.

QUEEN.

(In mahogany case, with lock and key.)

Twenty pairs spherical convex lenses.
Twenty pairs spherical concave lenses, both from 2 to 48 inches focus.
Eight cylindrical convex lenses.
Eight cylindrical concave lenses, both from 9 to 72 inches focus.
Five prisms, 2°, 3°, 4°, 5°, 8°.
Three metal discs, one plain, one with hole in center, and one with stenopaic slit.
Four colored glasses—red, blue, green, and brown.
One single lens holder.
One trial frame.

253. INHALER AND VAPORIZER.

This consists of a nickel-plated stand, with boiler, spirit lamp, and detachable handle. There are two attachments, a long inhaler and short deodorizer; both have a reservoir holding sponge saturated with the preparation to be vaporized.

254. MICROSCOPES.

The names of the manufacturer and of the microscope will be noted on all invoices, receipts, and property returns.

THE "UNIVERSAL" MICROSCOPE.

Made by the Bausch & Lomb Optical Company. In two cases, the contents of which are as follows:

Microscope Case. (In upright cherry-wood case, with handle, lock, and extra hook and post fastenings.)		
Stand, "Universal"	no.	1
Glass stage and slide carrier	no.	1
Eyepieces, A and C	no.	2
Eyepiece micrometer	no.	1
Concave and plain mirror	no.	1
Objective, 2-inch	no.	1
Objective, ¾-inch	no.	1
Objective, ⅔-inch	no.	1
Objective, 1/12-inch	no.	1
Abbe condenser with iris diaphragm	no.	1
Double nosepiece	no.	1
Iris diaphragm, with substage adapter arranged to take diaphragm or objective	no.	1
Revolving diaphragm	no.	1
Bull's-eye condenser	no.	1
Stage forceps	no.	1
Camera lucida	no.	1
Forceps	no.	1
Glass covers	no.	6
Glass slides	no.	6
Case of Microscopical Accessories. (In cherry-wood case, with handle, lock, and extra hook and post fastenings.)		
Microtome	no.	1
Knife for same, one side flat, in case	no.	1
Syringe, brass, with four pipes and stopcock, in case	no.	1
Turntable, self-centering	no.	1
Glass slides	doz.	4
Glass covers	gms.	30
Carmine	gms.	15
Canada balsam	gms.	30
Balsam bottle	no.	1
Dropping bottle, for oil of cedar	no.	1
Gentian violet	gms.	4
Bismarck brown	gms.	4
Methyl blue	gms.	4
Fuchsin	gms.	4
Aniline oil	c. c.	60
Paraffin	kilo.	¼

NOTES.

Eyepiece A, 2-inch objective gives about 25 diam.
Eyepiece A, ¾-inch objective gives about 50 diam.
Eyepiece A, ⅛-inch objective gives about 210 diam.
Eyepiece A, 1/12-inch objective gives about 570 diam.
Eyepiece C, 2-inch objective gives about 50 diam.
Eyepiece C, ¾-inch objective gives about 100 diam.
Eyepiece C, ⅛-inch objective gives about 420 diam.
Eyepiece C, 1/12-inch objective gives about 1140 diam.

THE "INVESTIGATOR" MICROSCOPE.

Made by the Bausch & Lomb Optical Company, and of which many have been issued, consists of the following:

Microscope Case.	Case of Microscopical Accessories.	
The contents of this case are the same as those of the Universal microscope, the stand alone being of a slightly different pattern.	*Section cutter, with freezing apparatus*—no.	1
	Razor, large, one side flat, with handle, in case—no.	1
	Syringe, 15-c. c., brass, with four pipes and stopcock, in case—no.	1
	Turntable, self-centering—no.	1
	Glass covers—gms.	30
	Glass slides—doz.	4
	Carmine—gms.	15
	Canada balsam—gms.	30
In cases, etc., as above.	*Balsam bottle*—no.	1
	Dropping bottle, for cedar oil—no.	1

THE "CONTINENTAL" MICROSCOPE.

Made by the Bausch & Lomb Optical Company. In one case (upright cherry wood, with handle, lock, and extra hook and post fastenings—no separate case of accessories accompanies this microscope), the contents of which are as follows:

Stand, Universal, BB—no.	1	*Objective*, ⅔—no.	1
Eyepieces—no.	2	*Objective*, ⅙—no.	1
Abbe condenser, with iris diaphragm—no.	1	*Objective*, 1/12, *oil immersion*—no.	1

255. SURGICAL PUMP.

(In leather bag, with lock and key, and directions for use. Those heretofore issued are of two or three different patterns, and do not exactly correspond to this list.)

Allen's Surgical Pump, No. 12, will in future be supplied, and consists of the following outfit:

Bottles, g. s—no.	2	Dilator, uterine, silk covers for—no.	4
Bottles (vials)—no.	2	*Needles, aspirating*—no.	4
Catheter and connector—no.	1	*Pipe, breast, nipple (glass)*—no.	1
Clamp attachment—no.	1	*Pipes, syringe (ear, postnasal, vaginal, rectal, and uterine)*—no.	5
Cock, two-way, rubber, for injecting—no.	1	*Pump, 9 cm. and tube*—no.	1
Connector tube—no.	1	Pump, extra tube for—no.	1
Connectors with cut-offs—no.	3	*Tampons*—no.	2
Couplings, "Universal"—no.	2	Tampons, extra bags for—no.	4
Cupper, uterine, metal—no.	1	*Trocar, dome*—no.	1
Cupper glasses—no.	5	*Tube, stomach and connector*—no.	1
Dilator, uterine, large—no.	1		
Dilator, uterine, small—no.	1		

256. HYPODERMIC SYRINGE.

These syringes as now issued have as accessories, besides two needles and extra wires (the needles and wires are expendable), one tube of each of the following hypodermic tablets:

Apomorphinæ hydrochloras—mgms—	6	Digitalinum—mgm—	1
Atropinæ sulphas—mgm—	0.65	Morphinæ sulphas—mgms—	8

257. THERMO-CAUTERY, PAQUELIN'S.

(In morocco case.)

An improved pattern has recently been adopted. The contents are the same except that the combustion chamber or lamp is omitted, the modified reservoir for hydrocarbon rendering it unnecessary.

Apparatus, double bulb, for supplying air—no—	1	*Handle, cannulated, ebony*—no—	1
Cautery button—no—	1	*Reservoir for hydrocarbon, nickel-plated*—no—	1
Cautery knife—no—	1	Tube, lengthening—no—	1
Combustion chamber (lamp), nickel-plated—no—	1	Tube, rubber—no—	1

258. TYPEWRITER.

The typewriting machine, as issued, has the following outfit, with printed circular of instructions:

Impression strips (extra)—no—	2	*Screw-driver*—no—	1
*Key for mainspring**—no—	1	*Spools, for ribbons*—pairs—	2
Oil can—no—	1	*Type wheel,* large and small capitals*—no—	1
Oil—bott—	1	*Type wheel, large Roman*—no—	1
Ribbon, copying, indelible†—no—	1	*Type wheel, small Roman*—no—	1
Ribbon, record, black—no—	1		
Ribbon shield (extra)—no—	1		

*The new pattern or remodeled machine has the key for mainspring attached, and a type shuttle is used instead of a wheel.

†Medical officers to whom typewriting machines have been issued will be particular, by timely requisition, to keep a supply of freshly-inked typewriting ribbons, and to see that the "hammer-spring adjusting nut" on the back of the machine is so set as to secure a forcible impression when each key is struck.

259. VISION-TEST SET.

This set contains—

1. A set of three test cards for use at distances of 13, 16½, and 20 feet, respectively, bearing the test characters.

2. A simple optometer consisting of two lenses, one of 4-inch and the other of 10-inch focal length; a brass holder with graduated bar and sliding test-type holder; six test-type cards, numbered 1, for the measurement of defects of refraction and accommodation, and six type-test cards, numbered 2, for the measurement of astigmatism.

3. A set of test wools for the detection of color-blindness, consisting of three larger skeins of "test colors" (one pale green, one rose color, called purple, and one bright red); and one hundred and forty-four small skeins of "confusion colors," as follows:

Of pure gray, four shades, two skeins of each.

Of the colors named below, eight shades, one skein of each, all wrapped in a piece of muslin 1 meter square.

Hair-brown.	Orange.	Blue, No. 1.
Lion-brown.	Yellow.	Blue, No. 2.
Olive-brown.	Yellow-green.	Violet.
Wood-brown.	Olive-green.	Purple, No. 1 (Rose Victoria).
Pearl-gray.	Green.	Purple, No. 2.
Scarlet.	Blue-green.	

4. A small paper box in which to keep the extra lens and the twelve test-type cards.
5. A pamphlet of directions for using the vision-test set.
6. A painted tin box containing all the foregoing.

The cases named in the following list, viz, amputating, exsecting, general operating, and trephining, formed the "personal set" issued to medical officers prior to 1868. Upon the adoption in the latter year of the personal set until recently issued individually to medical officers the former cases were transferred to hospitals as post cases of instruments, and a considerable number are still in use.

260. CONTENTS OF AMPUTATING CASE.

(In mahogany case.)

Catlin, long	no.	1	*Needle, aneurism*	no.	1
Catlin, small	no.	1	Needles, surgeon's	no.	12
Forceps, artery, spring-catch	no.	1	*Saw, bow, two blades*	no.	1
Forceps, bone (nippers)	no.	1	*Saw, metacarpal*	no.	1
Knife, amputating, long	no.	1	*Scalpel*	no.	1
Knife, amputating, medium	no.	1	*Tenaculum*	no.	1
Knife, amputating, small	no.	1	*Tourniquet, screw, with pad*	no.	1
Ligature, silk	gms.	2	Wax	piece.	1

261. CONTENTS OF EXSECTING CASE.

(In mahogany case, with gutta-percha cover.)

Chisel	no.	1	*Gouge*	no.	1
Ecraseur, chain	no.	1	*Knife, lenticular*	no.	1
Forceps, bone, gouge	no.	2	*Retractors*	no.	2
Forceps, bone, long	no.	1	*Saw, chain*	no.	1
Forceps, sequestrum	no.	1	*Trephine*	no.	1

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262. CONTENTS OF GENERAL OPERATING CASE.

This set consists of two mahogany boxes with locks and keys, carried in a leather or heavy gutta-percha pouch, and containing the following:

Box No. 1.	
Bistoury, curved	1
Bistoury, curved, probe-pointed	1
Bistoury, straight	1
Catlin	1
Forceps, bullet	1
Forceps, dissecting	1
Forceps, dressing, curved	1
Forceps, œsophageal	1
Hook, double	1
Knife, amputating, small	1
Knife, hernia	1
Needle, aneurism, handle and four tips	1
Needle, cataract	1
Needle, key, artery	1
Needles, surgeon's	12
Saw, movable back	1
Scissors, curved	1
Scissors, straight	1
Scalpels	3
Tenaculum	1
Tourniquet, field	1
Trocar and cannula, straight	1
Box No. 2.	
Catheters, metallic	3
Sounds, metallic, double-curve	6

263. CONTENTS OF TREPHINING CASE.

(In small mahogany box.)

Elevator	1	*Trephine, brushes for*	2
Saw (Hey's)	1	*Trephine, conical*	1
Scalpel and raspatory	1	*Trephine, handle for*	1

264. BACTERIOLOGICAL SET.

Apparatus, filling, and stand	1	Platinum wire, medium, 10-cm.	6
Baskets, wire, for sterilizer	4	*Regulator, gas (Reichert's)*	1
Bath, tripod for	1	*Sterilizer, hot-air, cm. 38 x 28 x 25.5*	1
Dishes, double (Petri's)	12	*Syringe, sterilizable (Koch's), 1-c. c*	1
Filters (Pasteur's), mounted in flask	1	*Test measure, footed, 10-c. c*	1
Flasks (Erlenmeyer's), 236-c. c	12	*Test tube, bath for, copper*	1
*Incubator, lead-lined, cm. 45.5 x 21.5 x 30.5**	1	Test tubes, thin glass, 15-cm. x 18 mm. bore	300
Micro-burner, 1 flame	1	*Thermometers, 0-50° C*	2
Paper, filtering (Swedish)	2	*Thermometer, 0-200° C*	1
Pipettes, 1-c. c	2		
Platinum wire, heavy, 10-cm.	3		

*At stations where there is no gas an incubator, to be heated by petroleum flame, may be obtained upon application.

265. CHEMICAL SET.

Chemicals.			
Acid, arsenous As_2O_3	50	Ammonium molybdate $(NH_4)_2MoO$	50
Acid, oxalic, $H_2C_2O_4 2H_2O$	100	Anilin $C_6H_5NH_2$	50
Alcohol, ethylic, abs. C_2H_5OH	100	Barium chlorid, $BaCl^2 2H_2O$	50
		Calcium carbonate, $CaCo_3$	50

CHEMICAL SET—Continued.

Chemicals—Continued.	
Calcium chlorid, $CaCl_2$—grams	50
Ferrous sulfid FeS—grams	100
Potassium dichromate, $K_2Cr_2O_7$—grams	100
Potassium cyanid, KCN—grams	50
Potassium ferricyanid, $K_6Fe(CN)_{12}$—grams	25
Potassium ferrocyanid, $K^4Fe(CN)_6 3H_2O$—grams	25
Potassium hydrate, KOH—grams	200
Potassium sulphocyanate, KSCN—grams	50
Sodium phosphate, dry, Na_2HPO_4—grams	50
Sodium hydrate, NaOH—grams	200
Sodium thiosulphate, $Na_2S_2O_3 5H_2O$—grams	100
Stannous chlorid, $SnCl_2 2H_2O$—grams	50
Uranic nitrate, $UO_2(NO_3)_2 6H_2O$—grams	50
Methyl orange, $NH_4C_{14}H_{14}N_3SO_3$—grams	10
Naphthylamine, $C_{10}H_7NH_2$—grams	5
Phenolphthalein, $C_{20}H_{14}O_4$—grams	10

Apparatus.	
Beakers, 100–200 c. c—no	6
Bottles, g.s.n. m. 50, 100, 200 c.c—no	24
Burettes—no	2
Burette clips—no	4
Capsules, porcelain, nest of six—nest	1
Capsules, porcelain, 100-c. c—no	6
Capsules, porcelain, 250-c. c—no	3
Corks, india rubber, perforated—doz	1
Crucibles, porcelain, conical—no	4
Filters, cut, white (in packs of 100)—pkgs	3
Flasks, flat-bottomed, with lip—no	6
Flasks, round-bottomed, long neck—no	2
Flasks, Schuster's, stoppered—no	6
Forceps, small—no	1
Funnel tubes—no	2
Funnels, glass—no	2
Glasses, Nessler, 50-c. c—no	6
Pipe, block tin, 9-mm., for condensing distilled water, meters	6
Pipettes, 10-c. c—no	2
Pipette, 25-c. c—no	1
Pipette, 10-c. c., graduated—no	1
Platinum, crucible, 30-c. c—no	1
Retorts, 1-liter, stoppered—no	2
Rods, glass—no	12
Spatulas or spoons, porcelain—no	2
Still, copper, 2-liter—no	1
Stopcocks for rubber tubing—no	2
Test glasses, footed—no	12
Tubes, Ca Cl—no	2
Tubes, U—no	3
Wash bottle—no	1
Wash glasses—no	6
Water bath for drying—no	1

Miscellaneous.	
Aluminium foil—grams	15
Copper foil—grams	25
Glass, blue—sq. cm	9
Iron wire—grams	50
Platinum foil—sq. cm	20
Wire gauze—sq. cm	50
Zinc foil—sq. cm	20
Zinc, granulated—grams	100

266. LIST OF BOOKS CONTAINED IN WOOD'S LIBRARY OF STANDARD MEDICAL AUTHORS.

By years, 1879 to 1887, inclusive.

1879.

Diseases of Children—Ellis.
Diseases of the Intestines and Peritoneum—[Various authors.]
Diseases of the Liver, 3 vols—Frerichs.
Diseases of the Nervous System, 2 vols.—Rosenthal.
Diseases of Women—Tait.
Infant Feeding—Routh.
Manual of Surgery—Clarke.
Materia Medica and Therapeutics—Phillips.
Rest and Pain—Hilton.

1880.

Diagnosis and Treatment of Ear Diseases.—Buck.
Female Pelvic Organs—Savage.
Foreign Bodies in Surgery, 2 vols—Poulet.
Functional Nervous Diseases—Putzel.
Handbook of Physical Diagnosis—Guttman.
Minor Surgical Gynæcology—Munde.
Pharynx, Larynx, and Trachea—Mackenzie.
Treatise on Therapeutics, 3 vols—Trousseau.
Venereal Diseases—Keyes.

LIST OF BOOKS CONTAINED IN WOOD'S LIBRARY OF STANDARD MEDICAL AUTHORS—Continued.

1881.

A Medical Formulary—Johnson.
Artificial Anæsthesia and Anæsthetics. Lyman.
A Treatise on Albuminuria—Dickinson
Diseases of the Bladder—Coulson.
Diseases of the Eye—Noyes.
Diseases of the Joints—Barwell.
Diseases of Old Age—Charcot and Loomis.
Food and Dietetics—Pavy.
General Medical Chemistry—Witthaus.
Handbook of Uterine Therapeutics—Tilt.
Materia Medica and Therapeutics of the Skin. Piffard.
The Continued Fevers—Wilson.

1882.

Asthma—Salter.
Diseases of the Rectum and Anus—Kelsey.
Illustrations of Dissections, 2 vols. Ellis and Ford.
Lectures on Diseases of Children—Henoch.
Legal Medicine, 2 vols.—Tidy.
Materia Medica and Therapeutics, 2 vols. Phillips.
Mental Pathology and Therapeutics. Griesinger.
Practical Medical Anatomy—Ranney.
Rheumatism, Gout, and Allied Diseases. Longstreth.

1883.

A Text-book of Pathological Anatomy, vol. 1. Ziegler.
Diseases and Injuries of the Horse—Kirby.
Diseases of Women—Fritsch.
Handbook of Electro-Therapeutics—Erb.
Hereditary Syphilis—Diday and Sturgis.
Manual of Gynæcology, 2 vols. Hart and Barbour.
Manual of Practical Hygiene, 2 vols.—Parkes.
The Microscope and its Revelations, 2 vols. Carpenter.
Treatment of Wounds—Pilcher.

1884.

A Text-book of Pathological Anatomy, vol 2. Ziegler.
Diseases of the Heart—Paul.
Diseases of Urinary and Male Sexual Organs—Belfield.
Hooper's Physician's Vade Mecum, 2 vols. Hooper.
Legal Medicine, vol. 3—Tidy.
Malaria and Malarial Diseases—Sternberg.
Medical Botany of North America—Johnson.
Œsophagus, Nose, and Naso-Pharynx. Mackenzie.
Pathology and Treatment of Gonorrhœa. Milton.
Practical Manual of Obstetrics. Verrier and Partridge.
Therapeutics of the Respiratory Passages. James.

1885.

Asiatic Cholera—Wendt.
Climatology and Mineral Waters—Bell.
Diseases of the Brain and Spinal Cord. Gowers.
Diseases of the Lungs—See.
Epilepsy—Gowers.
Handbook of Physiology, 2 vols.—Kirke.
Human Osteology—Holden.
Poisons: Their Effects and Antidotes, 2 vols. Blyth.
Renal and Urinary Affections—Dickinson.
Wasting Diseases of Infants and Children. Smith.

1886.

Blood, Nutrition, and Infectious Diseases. Eichhorst.
Diseases of the Circulatory and Respiratory Apparatus—Eichhorst.
Diseases of the Digestive, Urinary, and Sexual Apparatus—Eichhorst.
Diseases of the Lungs and Pleuræ—Powell.
Diseases of the Nerves, Muscles, and Skin. Eichhorst.
Diseases of the Spinal Cord—Bramwell.
Diseases of the Stomach, Intestines, etc. Dujardin-Beaumetz.
Electrolysis—Amory.
Hippocrates, Works of, 2 vols.—Adams.
Insanity—Blanford.
Rheumatism—Maclagan.

1887.

A Text-book of Pathological Anatomy, vol. 3. Ziegler.

This volume was published in 1887 to complete the work, and is the last volume of the "Library."

267. CONTENTS OF TOOL CHEST.

(In chest with hasp hinges, corners with angle irons, handle on each end, lock and key.)

1 awl, brad, and handle, 1 by $\frac{1}{16}$ inch wide.
1 awl, brad, and handle, $1\frac{1}{2}$ by $\frac{3}{16}$ inch wide.
1 awl, brad, and handle, 2 by $\frac{3}{16}$ inch wide.
1 awl, scratch, cast steel, 8-inch.
1 bit, auger, cast steel, $\frac{1}{2}$-inch.
1 bit, auger, cast steel, $\frac{3}{4}$-inch.
1 bit, auger, cast steel, 1-inch.
1 bit, gimlet, double cut, No. 1, cast steel.
1 bit, gimlet, double cut, No. 2, cast steel.
1 bit, gimlet, double cut, No. 3, cast steel.
1 bit, screw-driver, extra cast steel, polished.
1 brace, Spofford's nickel, improved, 7-inch sweep.
1 chalk line, soft, with reel and awl, complete.
1 chisel, firmer, cast-steel socket, $\frac{1}{2}$-inch.
1 chisel, firmer, cast-steel socket, 1-inch.
1 chisel, firmer, cast-steel socket, $1\frac{1}{2}$-inch.
1 divider, with set screw, solid cast steel, 8-inch.
1 drawing knife, carpenter's, oval blade, 10-inch.
1 file, handsaw, with handle, 3 inches long.
1 file, handsaw, with handle, 4 inches long.
1 file, handsaw, with handle, $4\frac{1}{2}$ inches long.
1 file, bastard, flat, with handle, 10 inches long.
1 gimlet, double cut, wooden handle, No. 1.
1 gimlet, double cut, wooden handle, No. 2.
1 gimlet, double cut, wooden handle, No. 3.
1 gauge, marking, beechwood, with set screw.
1 hammer, nail, adz-eye, cast steel.
1 hatchet, shingling.
1 mallet, carpenter's, mortised handle, 5 inches long.
1 nail puller, large.
1 nail set, square, polished, solid cast steel, $\frac{1}{4}$-inch.
1 nails, box of, steel wire, assorted ("Solomon Gundy").
1 nippers, plier and cutting, combined, 6-inch.
1 oiler, zinc, No. 2.
1 oilstone (Washita), $1\frac{1}{2}$ lbs.
1 pinchers, carpenter's, steel jaw, 10-inch.
1 plane, fore, double iron.
1 plane, jack, double iron.
1 plane, rabbet, double iron.
1 plane, smoothing, double iron.
1 plane, hollow, No. 10.
1 plane, rounding, No. 10.
1 rasp, wood, oval, with handle, 10 inches long.
1 rule, boxwood, square joints, 8ths and 16ths, 1 inch wide, 2-foot.
1 saw, hand, 26-inch.
1 saw, panel, 16-inch.
1 saw, rip.
1 screw-driver, solid cast steel, 3-inch.
1 screw-driver, solid cast steel, 5-inch.
1 screw, hand, 8-inch.
1 screw wrench, wrought bar, 10-inch.
1 spirit level, pocket, iron top plate, japanned.
1 spokeshave, wood, 3-inch.
1 try square, rosewood, graduated, steel blade, 9-inch.
1 vise, bench, and iron.

268. CONTENTS OF HOSPITAL-CORPS POUCH.

Ammoniæ spiritus aromaticus, in flask with cup ____ c. c.	60	First-aid packets ____ no.	6
Bandages, roller ____ no.	6	*Jackknife and saw blade* ____ no.	1
Case, containing pins, common and safety, *scissors and dressing forceps* ____ no.	1	*Rubber tourniquet* ____ no.	1
		Splints, wire gauze for, in roll ____ yd.	1
		Surgical plaster ____ spool.	1

269. CONTENTS OF ORDERLY POUCH.

Ammoniæ spiritus aromaticus, in flask with cup ____ c. c.	60	Ligatures, catgut, assorted ____ bott.	1
Antiseptic tablets ____ bott.	1	Mist, chloroformi et opii, in case ____ c. c.	30
Bandages, roller ____ no.	6	Pins, common and safety, of each ____ paper.	1
Case, pocket ____ no.	1	*Rubber tourniquet* ____ no.	1
Chloroformum, in case ____ gms.	100	*Scissors* ____ no.	1
Catheters, Eng., rubber, in box ____ no.	1	Splints, wire gauze for, in roll ____ yd	1
Diagnosis tags and pencil ____ book.	1	Surgical plaster ____ spool.	1
First-aid packets ____ no.	4	*Syringe, hypodermic* ____ no.	1
Gauze, plain, 1-yd. pieces ____ no.	4	*Tray* ____ no.	1
Jackknife, with saw blade ____ no.	1		

NOTE.—Syringe, hypodermic, contains tablets of morphiæ sulph., strychnina, apomorphia, and digitalinum.

Pocket case contains in pocket, surgeon's needles, silver wire, silk and silkworm gut ligatures.

270. CONTENTS OF MEDICAL CHEST, U. S. ARMY (No. I).

A list of contents is stamped on morocco pad, which is carried, reversed, under the cover of chest.

Contents of Tray.

LEFT OF TRAY.
Tablets in 120-c. c. bottles.

Acetanilidum	mgms.	200
Camphora et opium		
Carminativæ		
Catharticæ compositæ		
Copaibæ compositæ		
Ipecacuanha et opium	mgms.	324
Linimentum rubefaciens		
Magnesii sulphas, in bulk (2 botts.)		
Mistura glycyrrhizæ comp		
Potassii bromidum	mgms.	324
Quininæ sulphas (2 botts)	mgms.	200
Sodii bicarbonas	mgms.	324
Sodii bicarb. et menthæ pip		
Sodii salicylas	mgms.	324

FRONT OF TRAY.
Tablets in 15-c. c. bottles.

Acidum arsenosum	mgm.	1
Argenti nitras fusus	grams.	15
Capsicum	mgms.	32
Cupri arsenis	mgm.	0.325
Digitalis tinctura	c. c.	0.8
Ferri compositæ		
Hydrargyri iodidum flavum	mgms.	10
Ergotinum	mgms.	130
Oleum tiglii	c. c.	0.006
Podophylli resina	mgms.	16
Santoninum	mgms.	32

And 2 empty bottles.

BACK OF TRAY.
In 235 and 475 c. c. bottles.

Alcohol	bott.	1
Aqua ammoniæ	bott.	1
Chloroformum	botts.	2
Oleum terebinthinæ	bott.	1
Spiritus frumenti	bott.	1
Spiritus vini gallici	botts.	2

CENTER OF TRAY.

Envelopes, small, for tablets	no.	100
Graduate glass, 60-c. c	no.	1
Labels for vials	no.	50
Measure, graduated, 5-c. c	no.	1
Ointment boxes, in nests of three	nests.	4
Pocket stove	no.	1
Tumbler	no.	1
Vials, 60-c. c.	no.	10

RIGHT OF TRAY.
Tablets in 60-c. c. bottles.

Acidum boricum	mgms.	324
Acidum tannicum	mgms.	324
Aconiti tinctura	c. c.	0.1
Alumen	mgms.	324
Ammonii chloridi trochisci		
Antipyrinum	mgms.	324
Bismuthi subnitras	mgms.	324
Chloral	mgms.	324
Hydrarg. chl. mite cum sodio bicarb		
Hydrargyri massa	mgms.	324
Ipecacuanha	mgms.	65
Morphinæ sulphas	mgms.	8
Opium	mgms.	65
Phenacetinum	mgms.	324
Plumbi acetas	mgms.	130
Potassii chloras	mgms.	324
Potassii iodidum	mgms.	324
Salol	mgms.	324
Zinci sulphas	mgms.	324

And 1 empty bottle.

Contents of Drawers.

DRAWER NO. 1.
Hypodermic Tablets.

Apomorphinæ hydrochloras	mgms.	6
Atropinæ sulphas	mgm.	0.65
Cocainæ hydrochloras	mgms.	10
Digitalinum	mgm.	1
Morphinæ sulphas	mgms.	8
Nitroglycerinum	mgm.	0.65
Quininæ hydrochloras	mgms.	32

And 1 empty bottle.

Ophthalmic Discs.

Atropinæ sulphas, 0.13 mgm., 50 in box	box.	1
Physostigminæ sulphas, 0.0324 mgm., 50 in box	box.	1

Miscellaneous.

Caustic holder, rubber	no.	1
Corkscrew, folding	no.	1
Medicine droppers	no.	2
Pencil, indelible	no.	1
Pencil, indelible, leads for	no.	6
Pencils, camel's-hair	no.	12
Syringe, hypodermic	no.	1
Thermometer, clinical	no.	1
Tongue depressor	no.	1

CONTENTS OF MEDICAL CHEST, U. S. ARMY (No. 1)—Cont'd.

Contents of Drawers—Cont'd.	
Drawer No. 2.	
Bandages, suspensory—no.	5
Flannel, red—meter	1
Jute, or equivalent, in 100-gm. pkgs—pkgs.	4
Syringe, rubber, self-injecting—no.	1
Drawer No. 3.	
Book, prescription—no.	1
Forceps, dressing, for removing cotton—no.	1
Index of Medicine (Carpenter)—copy	1
Plaster, blistering—meter	1
Plaster, mustard—meters	4
Reagent case—no.	1
Scissors—no.	1
Spatula—no.	1
Spoon, tea—no.	1
Stethoscope, h. r—no.	1
Syringes, p., h. r—no.	5
Syringe, p., g., in wooden case—no.	3
Tags, diagnosis—book	1
Towels—no.	2
Drawer No. 4.	
Beef extract, in 100-gm. tins—tins	5
Jute, or equivalent, 100-gm. pkgs—pkgs.	6
Drawer No. 5.	
Bandages, roller, assorted—no.	30
Cotton, absorbent, 100-gm. pkgs—pkgs.	4
Soap, castile—gms.	225
Drawer No. 6.	
Æther, in 100-gm. tins—tins	4
Candles—no.	15
Corks, for æther cans—no.	6
Corks, extra, for bottles—no.	6
Cupping tins—no.	4
Links, split, for pack saddle—no.	4
Drawer No. 7.	
Gauze, plain, 2-meter packages—pkgs.	4
Lint, absorbent, 100-gm. pkgs—pkgs.	4

271. CONTENTS OF SURGICAL CHEST, U. S. ARMY (No. 2).

A list of contents is stamped on morocco pad, which is carried, reversed, under the cover of the chest.

Contents of Tray.	
Tablets in 120-c. c. Bottles.	
Acidum boricum—mgms.	324
Antiseptic (2 bottles)	
Catharticæ compositæ	
Opium—mgms.	65
Potassii bromidum—mgms.	324
In 235-gm. Bottles.	
Acidum carbolicum—bott.	1
Chloroformum—botts.	2
Glycerinum—bott.	1
Opii tinctura—bott.	1
Spiritus frumenti—botts.	2
Æther, in 100-gm. tins—tins	5
Bucket, folding, canvas—no.	1
Catheters, flexible—no.	6
Corks, for æther cans—no.	6
Corks, extra, for bottles—no.	6
Dressing paper—roll	1
Felt for splints—pieces	2
Muslin—meters	3
Petrolatum—kilo.	½
Pocket case, aseptic—no.	1
Razor strop—no.	1
Tumbler—no.	1
Contents of Drawers	
Drawer No. 1.	
Bandages, rubber—no.	1
Brush, nail—no.	1
Gauze, plain—meters	2
Goggles—no.	2
Iodoform sprinkler—no.	1
Ligature, catgut, sterilized spools	2
Ligature, silkworm gut—coil	1
Ligature, silk—gms.	15
Needles, thread, etc., in case—case	1
Pencil, indelible, leads for—no.	3
Pins, common—paper	1
Pins, safety, assorted—doz.	4
Speculum, for ear and nose—no.	1
Tape—piece	1
Tape measure—no.	1
Tourniquet (Esmarch's)—no.	1

CONTENTS OF SURGICAL CHEST, U. S. ARMY (No. 2)—Cont'd.

Drawer No. 2.

Case, tooth-extracting	no.	1
Cotton, absorbent	pkgs.	2
Drainage tubes, rubber	meters.	3
Links, split, for pack saddle	no.	4
Plaster, adhesive, 15-mm	spools.	4
Plaster, adhesive, 30-mm	spool.	1
Sponges, in bags	bags.	2
Syringe, fountain	no.	1
Tags, diagnosis	book.	1

Drawer No. 3.

Bandages, roller	doz.	3
Bandages, suspensory	no.	2
Beef extract, in 100-gm. tins	tins.	1
Brush, shaving	no.	1
Cotton, absorbent	pkgs.	2
Measure, graduated, 5-c. c	no.	1
Medicine measuring glass	no.	1
Needles, sail	no.	1
Needle holder (Tiemann's)	no.	1
Needle, upholsterer's	no.	1
Pencil, indelible	no.	1
Plaster, isinglass	meters.	9
Razor	no.	1
Scissors	no.	1
Surgery, operative, (Smith's)	copy.	1
Syringes, p., h. r	no.	2
Tool, universal	no.	1

Drawer No. 4.

Bandages, flannel	no.	4
Bandages, roller	doz.	1
Emergency case, complete	no.	1

Drawer No. 5.

Gauze, plain	meters.	4
Jute, or equivalent, 100-gm. pkgs	pkgs.	6
Lantern, small	no.	1
Soap, castile	gms.	225

Drawer No. 6.

Bandages, roller	no.	6
Hæmostatic forceps, in case	no.	12
Towels	no.	2
Trays, for instruments	no.	2

272. CONTENTS OF MESS CHEST (No. 3).

Basin, wash, hand, agate ware	no.	1
Boiler, double, agate ware	no.	1
Bowls, soup, agate ware	no.	6
Box for salt	no.	1
Box for pepper	no.	1
Brush, scrubbing	no.	1
Can openers	no.	2
Cleaver	no.	1
Cookbook, Army	no.	1
Cups, coffee, agate ware	no.	6
Cup, large, agate ware	no.	1
Dipper, agate ware	no.	1
Grater, nutmeg	no.	1
Gridiron	no.	1
Hatchet	no.	1
Kettles, steel, nested, with covers	no.	3
Knife, butcher	no.	1
Knife and fork, carving, of each	no.	1
Knife and saw, combined	no.	1
Knives and forks, of each	no.	6
Ladle, agate ware	no.	1
Lantern, candle	no.	1
Matches, in *waterproof case,* boxes.		12
Meat cutter, small	no.	1
Meat dishes, agate ware	no.	2
Mill, coffee	no.	1
Nails, assorted	kilos.	2
Pan, frying, steel	no.	1
Pans, mess, agate ware	no.	2
Pan, sauce, steel, tinned inside, with cover	no.	1
Plates, dinner, agate ware	no.	6
Pot, coffee, agate ware	no.	1
Pot, tea, agate ware	no.	1
Rope, 6-mm	meters.	15
Sickle	no.	1
Spoon, basting, agate ware	no.	1
Spoons, table	no.	6
Spoons, tea	no.	6
Steel	no.	1
Towels, crash	no.	6
Tray, metal, japanned	no.	1
Tumblers, agate ware	no.	6
Wire	coil.	1

273. CONTENTS OF FOOD CHEST (No. 4).

Beef extract or an equivalent preparation.
Candles.
Condensed milk, in original cans, 4 kilos.
Soap.
Vinegar, in 1-liter wicker-covered bottles, 2 bottles.
Yeast powder, in ¼-kilo. original cans.

Tins for the following articles:

Beans.
Butter.
Coffee.
Salt and pepper.
Sugar (2 tins).
Tea.

274. CONTENTS OF COMMODE CHEST (No. 5).

Bedpan, agate ware ——— no.	1	*Spit cup, agate ware* ——— no.	1
Chamber pot, agate ware ——— no.	1	*Urinal, agate ware* ——— no.	1
Paper, toilet ——— pkgs.	6		

275. CONTENTS OF FIELD DESK (No. 6).

Books.		Blanks.	
Army Regulations ——— copy.	1	MEDICAL DEPARTMENT.	
Drill Regulations for the Hospital Corps ——— copy.	1	Examination of recruits, monthly report ——— no.	4
Handbook for the Hospital Corps, Smart ——— copy.	1	Hospital-fund statement ——— no.	4
Information slip book ——— copy.	1	Medical property, return of ——— no.	2
Information slip book, desertions ——— copy.	1	Medical supplies, invoice of, single sheet ——— no.	6
Morning Report, Hospital Corps ——— copy.	1	Medical supplies, receipt for, single sheet ——— no.	6
Morning Report, sick and wounded ——— copy.	1	Medical supplies, special requisition for ——— no.	8
Order and letter book ——— copy.	1	Report of sick and wounded ——— no.	12
Register and prescription book ——— copy.	1	Report of completed cases ——— no.	12
Manual for the Medical Department ——— copy.	1	Return of personnel, etc., H. C ——— no.	6
Transfer book ——— copy.	1	SUBSISTENCE DEPARTMENT.	
Stationery.		Ration returns ——— no.	12
		ORDNANCE DEPARTMENT.	
Book, blank, 8 mo ——— no.	1	Invoices ——— no.	2
Elastic bands, assorted ——— gross.	½	Quarterly statements ——— no.	2
Envelopes, official, large ——— no.	12	Receipts ——— no.	2
Envelopes, official, letter ——— no.	50		
Envelopes, official, note ——— no.	25	ADJUTANT-GENERAL'S DEPARTMENT.	
Eraser, steel ——— no.	1		
Ink, black ——— botts.	2		
Ink, red ——— bott.	1		
Inkstands ——— no.	2	Certificates of disability ——— no.	2
Mailing tubes ——— no.	4	Descriptive lists ——— no.	2
Pad, letter ——— no.	1	Discharges ——— no.	2
Pads, prescription ——— no.	4	Final statements ——— no.	4
Paper, blotting ——— pieces q. s.		Furloughs ——— no.	2
Paper fasteners ——— no.	12	Inventory of effects of deceased soldiers ——— no.	2
Paper, writing, legal cap ——— qr.	1	Muster rolls ——— no.	8
Paper, writing, letter ——— qrs.	2	Outline-figure cards ——— no.	6
Paper, writing, note ——— qr.	1	Pay rolls ——— no.	12
Pencils, lead ——— no.	4	Physical examination of recruits, form for ——— no.	6
Pens, steel ——— no.	12	Surgeon's certificate of disability for officers ——— no.	2
Penholders ——— no.	2		
Rubber ——— piece.	1		
Ruler ——— no.	1		

In food chest (No. 6) considerable vacant space is left in order to allow latitude to each medical officer as to the exact character of the supplies he may wish to carry.

The printed plan inside the cover gives the general arrangement.

Tins labeled "cornstarch," "chocolate," and "arrowroot," are included, although not mentioned in the official list of contents, as it is thought that they may contain articles of more general use.

276. FOLDING FIELD FURNITURE.

A set consists of—

Chair, arm, folding—no.	1	*Table, mess, folding*—no.	1
Chairs, small, folding—no.	10	*Tables, bedside, folding*—no.	10
Cots, adjustable, folding—no.	10		

277. PACK SADDLE.

The new pack saddle, issued for use with the medical and surgical chests, at present consists of—

1 tree, with pads and latigos.
1 breast strap.
1 breeching harness.
1 crupper.
2 girths.
2 ropes, leather-tipped.
1 surcingle.
1 halter and watering bridle (complete).
2 saddle blankets.
2 canvas covers for medical and surgical chests.
4 split links are carried in each medical and surgical chest for attaching them at varying heights to the pack saddle.

278. OUTFIT OF SCHUEHLE ICE MACHINE AS PER LATEST CONTRACT.

Ice machine, complete, Jacob Schuehle's patent, capacity 3,000 pounds in 24 hours, consists of—

1 double ammonia compressor.
1 steam engine.
1 boiler, 20-horsepower, complete, with feed pump.
1 ammonia condenser.
1 $\frac{3}{16}$-inch boiler-steel freezing tank, incased in 1-inch pine flooring, with the requisite number of ice cans.
1 steam condenser, capacity sufficient to furnish in 24 hours distilled water for 3,000 pounds of ice.
1 brine pump.
1 patent oil eliminator.
1 side-feed lubricator.
300 fire brick.
Bedplate, necessary pipes, gauges, valves, connections, etc.
Anhydrous ammonia and lubricating oil sufficient to run the machine for two years.

In most cases additional or improved parts have been purchased for these machines, and this list can be considered as approximate only. The ammonia drum or cylinder is a container of the ammonia furnished by contract, and unless purchased from the ice fund does not form a part of the Schuehle machine, being returned when a fresh drum of ammonia is received. The Wood-Bailie machine, of which two are now in use, has an ammonia drum as part of the original machine.

For convenient reference the following lists are appended, although the articles are not issued by the Medical Department:

279. ISSUED BY THE QUARTERMASTER'S DEPARTMENT.

Ambulance.	*Hatchet.*	*Shelter for meteorological instruments.*
Ambulance, harness for.	*Ladder.*	*Spade.*
Ax.	*Lamps, bracket.*	*Stoves, heating.*
Clothing, uniforms, etc.	*Lamps, hanging.*	*Tentage, etc.*
Cooking utensils.	*Lockers.*	*Travois.*
Dippers.	*Piping for ranges and stoves.*	*Wheelbarrow.*
*Flags.**	*Range and fixtures.*	*Wood saw.*
Gas fixtures.	*Shovel.*	
Handcart.		

**See* A. R. 214. Except guidons, these flags will rarely be issued.

280. ISSUED BY THE ORDNANCE DEPARTMENT.

Canteen.	*Haversack strap.*	*Shotgun, Springfield.*‡
Canteen strap.	*Knife.*	*Shotgun, reloading outfit.***
Cup, tin.	*Meat can.*	*Spoon.*
Fork.	*Revolver.**	*Waist belt.*
Haversack.	*Rifle, Springfield, M. L.*†	*Waist-belt plate.*

*Revolvers will be obtained from the commanding officer for service in an Indian country, when necessary.

†The issue of two Springfield muzzle-loading rifles to each military post for company bearers' drill is authorized. Decision Acting Secretary of War, 1888.

‡"Upon requisition of the Surgeon (through the usual military channels), duly approved by the Surgeon General, the Ordnance Department will issue, for use at posts west of the Mississippi River, a shotgun, with necessary appendages and ammunition, for the use of members of the Hospital Corps." Decision Chief of Ordnance, 1889.

**The reloading outfit of the shotgun consists of the following. Expendable articles may be replaced by annual requisition upon the Chief Ordnance Officer of the Department:

Brush wiper	no	1	
Canister, tin, for powder, 2-lb	no	1	
Canister, tin, for powder, 5-lb	no	1	
Cartridge primers	no	1,000	
Cartridge shells, 20-gauge	no	50	
Charger, adjustable	no	1	
Cotton cloth	yd	1	
Cotton waste	lbs	1¼	
Drift	no	1	
Funnel	no	1	
Gun wads, No. 18, pink edge	no	2,000	
Packing box	no	1	
Powder, musket	lbs	7	
Priming tool (Frankford)	no	1	
Shot, No. 8	lbs	50	

INDEX.

Figures in bold-face type refer to paragraphs in the Manual; the letters A. R. and numbers following refer to paragraphs of the Army Regulations.

Abandonment of Post:
Disposition of medical property, **136, 137.**

Accidents and Injuries:
Classification, **175, 176.**

Accountability:
Medical supplies, **93–97.**

Accounts:
Medical attendance, A. R. 1452–1459.

Acting Assistant Surgeons:
See *Contract Surgeons*, also *Civilian Physicians.*

Acting Hospital Stewards:
Examination, A. R. 1397.
Field service, A. R. 1421.
Quota for posts, etc., A. R. 1409, 1411.
Rank and precedence, A. R. 9.
Reenlistments, A. R. 1404.
Revocation of detail, A. R. 1402.
See also under *Hospital Stewards.*

Alterations:
See under *Hospitals, Quarters.*

Ambulances and Litters:
Allowance, control, etc., **37,** A. R. 1414–1419.
Field service, A. R. 1422.
Flags and guidons, A. R. 214.
Service in war, A. R. 1396.

Amputating Case:
Contents, **260.**

Antiseptics:
Disinfectant, **120.**
Supply table, **218.**

Apparatus:
New designs to be reported, **92.**

Appointments:
Hospital stewards and acting hospital stewards, A. R. 1397.
Surgeons and assistant surgeons, **1–5.** A. R. 1394.

Arms:
Issue to hospital corps, **33.**
Patients in hospital, A. R. 1438.

Army Dispensaries:
Fuel and stoves, A. R. 1006.
Medicines, A. R. 1450, 1451–1455.

Army Medical Museum:
Contributions invited, **147,** A. R. 1130.
List of articles desired, **147.**
Transportation of donations, A. R. 1130.

Army Medical School:
Course of instruction, **7, 10.**
Examinations, **9.**
Inspection, A. R. 869.
Letter and note heading, A. R. 512.
Location and faculty, **6.**
Organization, etc., A. R. 468.
Purchase of books and instruments, **10.**
Regulations, **10.**
Responsibility, instruments, etc., **10.**
Student officers, **7.**
Uniform prescribed, **10.**
Use of laboratory and library, **10.**

Army and Navy General Hospital:
Admission, etc., **44,** A. R. 155.
Cadets, charge for subsistence, **48, 49.**
Civil employees, **46.**
Control, **43.**
Enlisted men, admission, **61.**
Enlisted men, allotment accommodations, **60.**

Army and Navy General Hospital— Continued.
Enlisted men, commutations, **50.**
Enlisted men, discharge, **62.**
Enlisted men on furlough, subsistence, **54.**
Enlisted men retired, subsistence, **51.**
Limits, admission or continuance, **57, 59.**
Money accountability, **52.**
Monthly returns, subsistence, **53.**
Officers, admission, **56.**
Officers, limit continuance, **58, 59.**
Officers, subsistence charges, **47–49.**
Organization, **45.**
Retired officers, **59.**
Selection of cases for admission, **63.**
Subsistence stores for messes, **55.**
Venereal cases not admitted, **64.**

Articles:
Issued by Ordnance Department, **280.**
Issued by Quartermaster's Department, **279.**
Supply depots, expended and on hand, **155.**

Artificial Limbs and Appliances:
Application for, **214.**
Classes entitled, A. R. 1467.
Commutation, A. R. 1467.
Information slips, **156.**
Transportation of applicants, A. R. 1468-1471.

Aseptic Pocket Case:
Contents, **245.**

Aspirating Case:
Contents, **231.**

Assignment, Medical Officers:
Allowance to a post, **11.**
Attending surgeons, **13.**
Office hours, **14.**
Tour of duty, **12.**

Assistant Surgeons:
Examination and appointment, A. R. 1394.
Travel allowance, A. R. 1395.
See also under *Medical Officers.*

Attendance, Medical:
See *Medical Attendance.*

Attending Surgeons:
Assignment, etc., **13, 14.**

Bacteriological Set:
Issue and use, **135.**
Parts, **264.**

Barracks and Quarters:
Medical officers, A. R. 985.
Surgeons' visits, A. R. 201.

Battlefields:
Care of sick and wounded, A. R. 1423.

Bed Screens:
Requisitions, **133.**

Bedding:
Disinfection, **120.**
Disposition, abandonment of post, **136.**

Births:
Reported, **174.**

Blank Forms:
In field desk, **275.**
Information slips, **156.**
List issued, **215,** A. R. 1552.
Supplied by chiefs of bureaus, A. R. 1552.

Blankets:
Care, **113.**

Board of Examination:
Appointment of hospital stewards, etc., **19, 20.**
Hospital corps, A. R. 1397.
Promotion, medical officers, **15.**
Surgeons and assistant surgeons, A. R. 1394.

Board of Health:
Notified of epidemics, **151.**

Bookcases, Portable:
Requisition, **132.**

Books:
In field desk, **275.**

Books, Medical:
Authority to take from hospital, **108.**
Disposition, abandoned post, **136.**
Requisition for new, **138.**

Books, Record:
See *Record Books.*

Bottles and Jars:
Dispensing set, **227.**

Bougies:
Preservation, **116.**

Cadets and Cadet Candidates:
Physical examination for appointment, **197, 198.**

Canvas:
Issue for litters, **117.**

Capital Operating Case:
Contents, **232.**

Carbolic Acid:
Issue and use as disinfectant, **120.**

Cases:
Amputating, **260.**
Aspirating, **231.**
Bacteriological set, **264.**
Capital operating, **232.**
Chemical set, **265.**
Compressed-air apparatus, **228.**
Dental, **233.**
Dissecting, **249.**
Emergency, **234.**
Exsecting, **261.**
Eye and ear, **235.**
Field, **236.**
Field operating, **237.**
General operating, **262.**
Genito-urethral, **240.**
Genito-urinary, **241.**
Hæmostatic forceps, **238, 239.**
Hypodermic syringe, **256.**
Inhaler and vaporizer, **253.**
Microscopes, **254.**
Minor operating, **243.**
Obstetrical and gynecological, **244.**
Pocket, aseptic, **245.**
Pocket, personal, **246.**
Pocket, post, **247.**
Post-mortem, **248.**
Restraint apparatus, **229.**
Spray-producing apparatus, **230.**
Stomach pump, **250.**

Cases—Continued.
Surgical pump, **255.**
Thermo-cautery, **257.**
Tooth-extracting, **251.**
Trial lenses, **252.**
Typewriter, **258.**
Urethral, **242.**
Vision-test, **259.**

Casualties:
List of wounded, A. R. 1466.

Catheters:
Preservation, **116.**

Certificates:
Hospital stewards' professional books, A. R. 1122.
Medical, A. R. 60–62.
Medical attendance, medicines, etc., A. R. 1453–1455.

Certificates of Disability:
Admission to Soldiers' Home, A. R. 174.
Blank forms and instructions, A. R. 154.
Degree of disability, A. R. 155, 157.
Discharge of enlisted men, A. R. 140, 141.
Insane soldiers, A. R. 470.
Permanent disability, A. R. 154.
Records and reports of disease, A. R. 155.
Recruits, A. R. 844, 847.
Report to medical officer of discharge, A. R. 156.
See also *Surgeon's Certificates.*

Change of Station:
Medical officers, A. R. 738.

Chemical Set:
Issue and use, **135.**
Parts, **265.**

Chests:
Commode, **274.**
Food, **273.**
Medical, **270.**
Mess, **272.**
Surgical, **271.**
Tool, **267.**

Chief Surgeons:
Ambulance service, **39.**
Detail and duties, **A.** R. 196.
Field hospitals, **38.**
Hospital corps, **16,** A. R. 1408.
Hospital fund, **68–71.**
Hospital property, **108.**
Medical supplies, **78–89.**
Record books, **17.**
Reports and returns, A. R. 1464–1466.
Travois and mule litters, A. R. 1418.

Chloride of Lime:
Disinfectant, **120.**

Cholera:
Reported, **150, 151.**

Chronic Complaints:
Treatment, A. R. 1456.

Circulars:
Information slips, **156.**

Civilians:
Admission to hospital, A. R. 1445–1447.
Medical attendance, **73.**
Medical and hospital supplies, A. R. 1444.

Civil Employees:
Admission to hospital, A. R. 1446, 1447.
Artificial limbs and appliances, A. R. 1467–1471.
Medical attendance and medicines, **74,** A. R. 1450.
Medical and hospital supplies, A. R. 1444.

Civilian Physicians:
Employment, payment, etc., A. R. 1452, 1453, 1456, 1458, 1459.
Reports rendered by, **149.**
See also *Contract Surgeons.*

Cleaning Mixtures:
Hospital stores not issued for preparing, **111.**

Clinical Thermometers:
Information slips, **156.**
Issue, loss, etc., **129.**

Clothing:
Disposition, abandonment of post, **136.**

Clothing—Continued.
Infected, A. R. 708, 1441.
Inspection by medical officer, A. R. 1393.

Clothing Book:
Use and disposition, **153.**

Colors:
Hospital and ambulance, A. R. 214.
See also *Flags.*

Commode Chest:
Contents, **274.**

Company Bearers:
A. R. 1412, 1413.

Completed Cases:
Report field register, **163.**

Compressed-air Apparatus:
Case, **228.**

Contagious Diseases:
Infected clothing, A. R. 708.
Issue of clothing, A. R. 1194, 1442.
Medical and hospital property, A. R. 1441.
Patients and hospital attendants, A. R. 1442.
Reported, **150, 151.**

Contract Surgeons:
Baggage, A. R. 1119, 1121.
Fuel, A. R. 999.
Quarters, A. R. 994.
Reports rendered by, **149.**
Returns, by chief surgeon, A. R. 1464.
See also *Civilian Physicians.*

Cooks, Hospital:
Pay, **71.**

Cosmetics:
Hospital stores not to be issued for preparing, **111.**

Crutches:
Transfer with patient, **66.**

Curtains, Window:
See *Window Curtains.*

Deaths:
Contract physicians, hospital stewards, etc., reported, **152.**

Deaths—Continued.
Officers or men, information from records, A. R. 803.
Officers, report of, **149, 152,** A. R. 81.

Deceased Officers:
Accounts, medical attendance, etc., A. R. 1456.

Deceased Soldiers:
Accounts, medical attendance, A. R. 1456.
Dying in hospitals, A. R. 1439.
Report death and burial, A. R. 162.

Dental Case:
Contents, **233.**

Deodorants:
Use of, **120, 121.**

Desertions:
Reports of, **149.**

Descriptive and Deposit Book:
Reports on, **153.**

Descriptive Lists:
Patients in hospital, A. R. 1439.

Desk, Field:
Contents, **275.**

Diagnosis:
Enlisted men on sick report, A. R. 1432.

Disability of Enlisted Men:
Permanent and temporary, A. R. 154, 155.

Discharge:
Surgeons' certificate of disability, **178.**

Discharge, Enlisted Men:
Disability, A. R. 140, 141, 154–157.
Hospital stewards, A. R. 931.
Insane soldiers, A. R. 470.
Patients in hospital, A. R. 1439.
Recruits, disability, A. R. 822.

Discharged Soldiers:
Hospital treatment, A. R. 1440.

Diseases:
Chronic, A. R. 1456.
Contagious, A. R. 708, 1194, 1441, 1442.
Nomenclature, sick reports, **175, 176.**
Record and report of treatment, etc., A. R. 155.

Disinfectants:
Issue and use, **120.**
Routine use prohibited, **119,** A. R. 1462.
Supply table, **218.**

Dispensing Set:
Bottles and jars, **227.**

Dissecting Case:
Contents, **249.**

Door Screens:
Requisitions, **132.**

Drains:
Disinfection, **121.**

Dressings:
Disposition, abandoned posts, **136.**

Dressings, Sterilized:
See *Sterilized Dressings.*

Drill Regulations:
Hospital corps, **34.**

Emergency Case:
Contents, **234.**

Employees:
Supply depot record, **155.**

Enlistment Papers:
Hospital corps recruits, A. R. 1398, 1400.

Epidemics:
Milk of lime as disinfectant, **123.**
Reported, **150, 151.**
Transfers of hospital corps, A. R. 1406.

Estimates:
Hospitals, A. R. 1426, 1428.

Examination:
Hospital stewards and acting hospital stewards, **18,** A. R. 1397.
Recruits, see under *Recruits.*

Examination for Promotion:
Rules, **15.**

Excreta:
Disinfection of typhoid or cholera, **122.**

Exsecting Case:
Contents, **261.**

Eye and Ear Case:
Contents, **235.**

Families:
Officers and soldiers', medical attendance, etc., A. R. 1450, 1456.

Field Appliances:
Use and care, **125–128.**

Field Case:
Contents, **236.**

Field Desk:
Contents, **275.**

Field Equipment:
Hospital corps, **30–33.**
New designs to be reported, **92.**

Field Furniture:
Use at posts, **125.**

Field Hospitals:
In action, **37–39.**

Field Operating Case:
Contents, **237.**

Field Register:
Cases borne on, **163–170.**

Field Tourniquets:
See *Tourniquets.*

Figure Cards, Outline:
See *Outline-figure Cards.*

Final Statements:
Patients discharged from hospital, A. R. 1439.

First Aid:
Instructions in, **34, 35.**

First-aid Packets:
Allowance, **128.**
Expendable, **128.**
Issue and use, **127.**

First-dressing Stations:
Wounded in action, **37, 38.**

Flags:
Hospital and ambulance, A. R. 214.
See also *Colors.*

Folding Field Furniture:
Set, **276.**

Food Chest:
Contents, **273.**

Funds:
Hospital, A. R. 300, 315, 1446–1448.
See also *Hospital Fund.*

Furniture:
Operating room, **225.**
Repairs, **98.**

Furniture and Bedding:
Supply table, **223.**

General Operating Case:
Contents, **262.**

Geneva Convention:
Articles, **216.**

Genito-Urethral Case:
Contents, **240.**

Genito-Urinary Case:
Contents, **241.**

Government Hospital for the Insane.
Admission and release of patients, A. R. 469–473.
Transfer to, from hospitals, **162.**

Gratuitous Issue:
Contagious diseases, A. R. 1194, 1442.

Guardhouses:
Visits of surgeons, A. R. 201.

Hæmostatic Forceps Case:
Contents, **238, 239.**

Hernia:
Surgical treatment, **177.**

Hospitals:
Accounts, A. R. 1457.
Alterations, A. R. 1426–1429.
Attendants, A. R. 1442.
Charges, A. R. 1447.
Civilian employees at post, A. R. 1444, 1445.
Civilians at post, A. R. 1446.
Construction, etc., buildings, A. R. 1424–1430.
Divison, brigade or field, **37, 38.**
Flags, A. R. 214.
Fuel and stoves, A. R. 1006.
Hospital corps, A. R. 1435, 1436.
Illuminating supplies, A. R. 1012–1019, 1021, 1022.
Inspections, A. R. 1435.

Hospitals—Continued.
Kitchens, A. R. 1006.
Library, A. R. 1449.
Management, A. R. 1435.
Matrons, A. R. 1436, 1437.
Mess rooms, A. R. 1006.
Muster and pay rolls, A. R. 784, 785.
Property and stores, A. R. 973, 1441, 1443, 1450, 1456.
Register of patients, **158–162.**
Report of estimates and repairs, **149.**
Report of sick and wounded, **171–174.**
Sales of subsistence supplies, A. R. 1282.
Savings of rations, A. R. 1269.
Service in garrison, A. R. 1396.
Sick in, A. R. 266, 300, 785, 1269, 1431, 1432, 1438–1440, 1442.
Supervision and control, A. R. 1433.
Surgeons, post, and assistants, A. R. 201, 1435, 1436.
Surgeon's visit, A. R. 201.
Transports, boats, and railway trains, A. R. 1434.

Hospital Bedding:
Unauthorized use, **109.**

Hospital Building:
Care of floors, **40.**
Instruments, etc., **42.**
Laboratory, **42.**
Operating room, **42.**
Repair, **41,** A. R. 1424–1430.

Hospital Clothing:
Disinfection, **67.**
Transfer, **66.**

Hospital Corps:
Acting stewards, A. R. 1397, 1409, 1411, 1421.
Appliances for transporting sick and wounded, A. R. 1414–1419, 1422.
Arms in Indian wars, **33.**
Assignment to duty, A. R. 1409–1411, 1436.
Ceremonies, A. R. 1405.
Drill regulations, **34.**
Enlistment, reenlistment, etc., A. R. 1398–1400, 1404.

Hospital Corps—Continued.
Extra-duty details, enlisted men, A. R. 167.
Field equipments, **30, 31.**
Field service, A. R. 1420–1423.
Fund of a detachment, A. R. 300.
Hospital and ambulance flags, A. R. 214.
In action, **37, 38.**
Information slips, **156.**
Inspections, **16,** A. R. 1405, 1435.
Instruction of privates, A. R. 1399.
Means of transportation, A. R. 1408.
Military duties, A. R. 1405.
Muster and pay rolls, A. R. 784.
Musters, A. R. 1405.
Pay and clothing accounts, A. R. 1407.
Precedence of, ceremonies, A. R. 6.
Privates, A. R. 1397, 1410, 1411, 1413, 1421.
Rations, A. R. 1259.
Returns, monthly, **149,** A. R. 1408.
Saving of rations, A. R. 1269.
Service, A. R. 1396.
Stewards, A. R. 1397, 1409, 1411, 1421.
Transfer of members, A. R. 1406.
Transfer to, of enlisted men, A. R. 1403.
Use of hospital bedding, **109.**

Hospital Fund:
Cooks, pay of, **71.**
Information slips, expenditures, **156.**
Loss of, **70.**
Purchases from, **69.**
Reports and returns, **68, 149.**
See also A. R. 300, 315, 1446–1448.

Hospital Libraries:
Publications for, A. R. 1449.

Hospital Matrons:
Information slips, **156.**
Laundry work, **36.**
Not entitled to hospital stores, **110.**
See also A. R. 784, 1006, 1259, 1269, 1436, 1437, 1450.

Hospital Pouch:
Contents, **268.**

Hospital Property:
Use, authorized, **107–117.**

LIBRARY OF THE UNIVERSITY

Hospital Property—Continued.
Use, unauthorized, **108.**
See also A. R. 973, 1441, 1443, 1450, 1456.

Hospital Service:
Clothing, care, **66.**
Crutches, etc., on transfer, **66.**
Disinfection of clothing, **67.**
Transfer of patient, **65.**
See also A. R. 1396.

Hospital Stewards:
Allotment to posts, **28.**
Application for position, **21.**
Authority for reenlistment, **23.**
Baggage, A. R. 1119.
Deaths reported, **152.**
Discharge and reenlistment, **23,** A. R. 931.
Duties, **22.**
Examination and appointment, **18, 21,** A. R. 1397.
Field service, A. R. 1421.
Graduates in pharmacy, **25.**
Information slips, **27.**
Instruction by medical officers, **29.**
Personal reports, A. R. 1401.
Physical defects, **26.**
Professional books, etc., A. R. 1122.
Qualifications, A. R. 1397.
Quarters, fuel, etc., **149, 156,** A. R. 1006, 1010, 1427, 1428.
Quota for posts, etc., A. R. 1409, 1411.
Rank and precedence, A. R. 9.
Reduction, A. R. 1402.
Reduction to the ranks, A. R. 931.
Reenlistment, A. R. 1398.
Reexamination for reenlistment, **23.**
Sleeping cars, A. R. 1109.
Trial by courts-martial, A. R. 931.

Hospital Stores:
Supply table, **219.**
See also A. R. 973, 1441, 1443, 1450, 1456.

Hypodermic Syringe:
Parts, **256.**

Ice:
Gratuitous issue prohibited, **145.**
Sales, etc., **145.**

Ice Fund:
Authorized purchases from, **143.**
Transfer, **146.**

Ice Machine:
Gratuities to employees, **143.**
Issue and accountability, **141–146.**
Management, etc., **142.**
Not for convenience of garrison, **141.**
Use of fund for maintenance, **143.**

Indian Scouts:
Examination for enlistment, **194.**

Indian Wars:
Arms for hospital corps, **33.**

Indorsement Book:
Use and disposition, **153.**

Information Slips:
Kind and use, **156.**

Inhaler and Vaporizer Case:
Contents, **253.**

Insane:
Patients in hospital, **162.**
See also under *Government Hospital for the Insane.*

Inspections:
Hospital corps and hospitals, A. R. 1405, 1427, 1435.
Medical, A. R. 1393, 1465.

Instruction in First Aid:
Hospital corps, **34, 35,** A. R. 1399.

Instruments:
Abandoned posts, **136.**
Authority for taking away, **108.**
Condition to be reported, **95.**
Examined monthly, **97.**
Receipts for, **91.**
Repair, **95.**
Responsibility for, **96.**

Instruments, Meteorological:
See *Meteorological Instruments.*

Invoices:
Packages, supplies turned over to Quartermaster's Department, **155.**

Issues:
Hospital stores, A. R. 1450.
Supply depot, **155.**

Journals, Medical:
Abandoned post, **140.**
Belong to hospital or station, **140.**

Killed, Wounded, or Missing:
Field register, **166.**

Kitchen:
Hospital, A. R. 1006.

Laboratory:
Post hospitals, **42.**

Lanterns, Red:
Dressing stations, **38.**

Laundry Appliances:
Not supplied to post hospitals, **114.**

Laundry Work:
Payment, **36.**

Leaves of Absence:
Sick, A. R. 60–64, 997, 998, 1315, 1337.

Letter-press Book:
Use and description, **153.**

Letters-received Book:
Use and disposition, **153, 155.**

Library:
Books in Wood's standard, **266.**
Hospital, A. R. 1449.
Surgeon General's office, use, **139.**

Litters:
Issue of canvas for, **117.**

Litter Bearers:
Instruction in first aid, **34.**

Lye:
Not issued for laundry purposes, **110.**

Mailing Tubes:
Issued, **215.**

Marches:
Care of sick and wounded, A. R. 1423.

Marriages:
Reports, **174.**

Matrons:
See *Hospital Matrons.*

Matting:
For use in hospitals, **115.**

Medical Attendance:
Accounts, A. R. 1452–1459.

Medical Attendance—Continued.
Citizens residing near posts, **73.**
Civilian physicians, A. R. 1452, 1453, 1456, 1458, 1459.
Civilian employees, post exchange, **74.**
Indians, A. R. 480.
Medical officers, A. R. 1450–1451.
Officers' families and servants, **72.**

Medical Books:
See *Books, Medical.*

Medical Certificates:
Sick leave, officers', A. R. 60–62.
See also *Certificates of Disability* and *Surgeons' Certificates.*

Medical Chest:
Contents, **270.**
Inspection, **126.**
Contents not to be used at posts, **126.**

Medical History of Post:
Reports, births and marriages, **174.**
Use and disposition, **153.**

Medical Inspections and Examinations:
Accounts, A. R. 1458.
Hospital corps recruits, A. R. 1399.
Posts and reservations, A. R. 1465.
Recruits, A. R. 842–848, 1458.

Medical Journals:
See *Journals, Medical.*

Medical Museum:
Transportation of donations, A. R. 1130.

Medical Officers:
Acting hospital stewards, A. R. 1402.
Ambulances, **37,** A. R. 1076, 1415.
Army medical school, **6–10,** A. R. 468.
Arrests, etc., A. R. 900.
Assistant surgeons, A. R. 1394.
Barracks and quarters, A. R. 985.
Casualty returns, A. R. 1466.
Changes of station, A. R. 738.
Clothing accounts, hospital corps, A. R. 1407.
Company bearers, A. R. 1412, 1413.
Contract surgeons, A. R. 994, 999, 1119, 1121, 1464.

Medical Officers—Continued.
Department staff, A. R. 196.
Deserters, **149,** A. R. 121, 123.
Detail duties, etc., A. R. 201, 203, 1393, 1435, 1436.
Diagnosis furnished, A. R. 1432.
Eligibility to command, A. R. 18.
Enlistments, hospital corps, A. R. 1399.
Examination boards for promotion, **15,** A. R. 25.
Field service, **37–39,** A. R. 1420, 1421.
First-aid treatment, **34, 35,** A. R. 1413.
Fuel and stoves for office, A. R. 1006.
General hospitals, A. R. 1433.
General prisoners, A. R. 914.
Hospital buildings, **37, 38, 40–42, 149,** V. R. 1424, 1426–1428.
Hospital corps, privates, **30–38, 149, 156,** A. R. 1416.
Hospital fund, **68–71, 149, 156,** A. R. 1448.
Hospital transports, A. R. 1434.
Insane soldiers, **162,** A. R. 470.
Invalid soldiers, A. R. 1109.
Litter bearer, **34,** A. R. 1413.
Medical and hospital supplies, A. R. 1444.
Medical attendance, **73, 74,** A. R. 1450, 1451.
Medical chests, **126, 270,** A. R. 1122.
Muster and pay rolls, A. R. 784.
Patients in hospitals, A. R. 1432, 1439.
Pay, etc., hospital corps, A. R. 1407.
Post, A. R. 201, 203, 470, 985, 1006, 1013, 1393, 1402, 1403, 1407, 1408, 1412, 1413, 1415, 1420, 1424, 1426–1428, 1431, 1432, 1435, 1436, 1439, 1448.
Post, noncommissioned staff, A. R. 95.
Quarters for hospital stewards, A. R. 1426–1428.
Record and reports of treatment, A. R. 155.
Recruits, A. R. 842–845, 847, 848.
Reports to, discharges for disability, A. R. 156.
Returns of, by chief surgeons, A. R. 1464.

Medical Officers—Continued.
Sick call, A. R. 1431.
Sick leaves, officers, A. R. 60–62.
Surgeons, A. R. 22, 196, 1394, 1395, 1408, 1418, 1464–1466.
Transfers to hospital corps, A. R. 1403.

Medical Property:
Abandoned posts, **136, 137.**
Supply depots, returns, **154.**
Use of, **107–117.**
Yearly report, **149.**
See also *Medical Supplies.*

Medical School:
See *Army Medical School.*

Medical Supplies:
Accountability, **93–97.**
Annual returns, **99.**
Books and publications, A. R. 1449, 1463.
Broken packages, invoice, **103.**
Camps and subposts, **83.**
Chests, A. R. 1122.
Condition of articles, **96.**
Damaged or unserviceable, A. R. 1463.
Defective articles, **92.**
Disinfectants, A. R. 1462.
Emergency requisitions, **88.**
Enumerated in supply table, **77.**
Epidemics, **89.**
Funds, requests, **76.**
Hospital, A. R. 1422, 1441, 1443, 1444, 1446.
Inspection of requisitions, **81.**
Instruments and appliances, **95–97.**
Invoice voucher of transfer, **90.**
Interlineations and erasures, returns, **101.**
Medicines, A. R. 480, 1450–1456.
Metric system, A. R. 1461.
Oral agreement purchases, A. R. 566.
Packer's list, **90.**
Posts, small, sub and temporary, **82–84.**
Purchases, **75–103,** A. R. 566, 569, 1460.
Receipts for instruments, **91.**
Removal of articles from posts, **102.**
Repair of instruments, **95.**
Repair of furniture, **98.**

Medical Supplies—Continued.
Requisitions, **75–89.**
Returns, **101.**
Special requisitions, **85.**
Supervision, **78–89.**
Transportation by quartermaster's department, A. R. 973.
Unexpendable articles, **93.**
Unserviceable articles, **91,** A. R. 1463.

Medicines:
Abandonment of post, **136.**
Accounts, A. R. 1454, 1455.
Civilians, issue, **149.**
Exchange of, with druggists, forbidden, **112.**
Families and servants, A. R. 1456.
Indians, A. R. 480.
Officers and men not on duty, A. R. 1456.
Purchased from druggists, A. R. 1452, 1455.
Retired officers and enlisted men, A. R. 1451.
Supply table, **217.**

Mercuric Chloride:
Disinfectant, **120.**

Mess Chest:
Contents, **272.**

Mess Rooms:
Hospital, A. R. 1006.

Messing and Cooking:
Use of hospitals for, A. R. 1430.

Meteorological Instruments:
Issue, use, loss, etc., **130.**
Observations with, **131.**

Meteorological Report:
Monthly, **149.**

Metric System:
Medical supplies, A. R. 1461.

Microscopes:
Accessories, supply table, **220.**
Parts, **254.**

Milk of Lime:
Disinfectant, **122–123.**

Minor Operating Case:
Contents, **243.**

Miscellaneous Articles:
Supply table, **224.**

Moneys Received and Disbursed:
Record book, **155.**

Movements of Troops:
Sick and wounded, A. R. 1081.

Museum, Medical:
See *Medical Museum.*

Musters:
Hospital corps, A. R. 1405.

Muster and Pay Rolls:
Abandoned post, **137.**
Hospital corps, A. R. 1436.
Sick in hospital, A. R. 785.

Nomenclature of Diseases:
Sick report, **175, 176.**

Obstetrical and Gynecological Case:
Contents, **244.**

Officers:
Death, report of, **149.**
Families and servants, medical attendance, **72.**
Hospital charges, A. R. 1447.
Hospital stores, A. R. 1450.
Insane, A. R. 469, 470.

Operating Room:
Furniture and appliances, **225.**
Post hospitals, **42.**

Order and Letter Book:
Use and disposition, **153, 155.**

Orderly Pouch:
Contents, **269.**

Orders:
Sick leaves of absence, A. R. 1315.

Ordnance Department:
Articles issued to Medical Department, **280.**

Outline-figure Cards:
Authorized abbreviations, **208.**
Absence of marks, **205.**
Color of hair and eyes, **209.**
Date and station of preparation, **211.**

Outline-figure Cards—Continued.
Detailed description, **207.**
Discharged soldiers, **213.**
Durable ink, **212.**
Form and direction, **206.**
Height as basis of comparison, **210.**
Marks, number necessary for identification, **204.**
Marks, record of, **199, 202.**
Search of body, **203.**
Scars, moles, birthmarks, etc., **207.**
When to be forwarded, **200, 201.**

Pack Saddle:
Parts, **277.**

Patients in Hospital:
Admission, A. R. 1431.
Arms and accouterments, A. R. 1438.
Contagious diseases, A. R. 1442.
Descriptive lists, A. R. 1439.
Died, A. R. 1439.
Discharged soldiers, A. R. 1440.
Discharged for disability, A. R. 1439.
Excused from Saturday inspection, A. R. 266.
Information to company commanders, A. R. 1432.
Muster and pay rolls, A. R. 785.
Register, **158–162.**
Returned to duty, A. R. 1439.
Savings of rations, A. R. 300, 1269.

Pensions:
Degree of disability, A. R. 157.
Evidence from records, A. R. 803.

Personal Pocket Case:
Contents, **246.**

Personal Reports:
Hospital stewards, A. R. 1401.
Information slips, **156.**

Physical Disqualification:
Medical officer for promotion, **15.**

Physical Examinations:
Hospital corps and recruits, A. R. 841, 842, 847, 1399.

Physicians, Contract:
Reports rendered by, **149.**
See also *Civilian Physicians* and *Contract Surgeons.*

Pills:
See *Tablets.*

Plans and Specifications:
Hospitals, A. R. 1424–1426, 1428.

Post Exchange:
Medical attendance, employees, **74.**

Post-mortem Case:
Contents, **248.**

Post Pocket Case:
Contents, **247.**

Prescriptions:
Civilians, A. R. 1444.
Filed in hospital, **134,** A. R. 1461.
Liquors, **134.**

Promotion, Examination:
See *Examination for Promotion.*

Property, Medical:
See *Medical Property* and *Medical Supplies.*

Publications, Medical:
A. R. 1449.

Purchases:
Supplies and services, medical, A. R. 566, 569, 1460.

Qualifications:
Company bearers, A. R. 1412.
Hospital corps, privates, A. R. 1399.
Hospital stewards, A. R. 1397.
Surgeons, A. R. 1394.
Transfer to hospital corps, A. R. 1403.

Quartermaster's Department:
Articles issued to medical department, **279.**

Quarters:
Alterations, A. R. 1427, 1428.
Hospital stewards, **149,** A. R. 1427 1428.
Use of hospital as, A. R. 1430.
See also *Barracks and Quarters.*

Quicklime:
Disinfectants, **122.**

Receipts and Issues:
Supply depots, **154.**

Records:
Medical examination of recruits, A. R. 848.
Record Books:
Abandoned posts, **137.**
Clothing, **153.**
Descriptive and deposit, **153.**
Indorsement, **153.**
Kept by chief surgeons, **17.**
Letter press, **153.**
Letters received, **153.**
List issued, **215.**
Medical history of post, **153.**
Order and letter, **153.**
Report of, **149.**
Supply depots, **155.**
Use and disposition, **153.**
Recruiting Service:
Hospital corps, A. R. 1398–1400.
Medical attendance, A. R. 1458.
Recruits:
Vaccination, A. R. 843, 846.
Recruits, Medical Examination:
Cadets and cadet candidates, **197, 198.**
Chest mobility, **181.**
Concealed defects, **186.**
Contract physician, **189.**
Height, **179.**
Indian scouts, **194.**
Inspection to be thorough, **184.**
Mode, **183.**
Monthly reports, **149.**
Normal standard, **190, 196.**
Notation of defects, **191.**
Objectionable persons, **185.**
Physical proportion, **195.**
Questions and answers, **187.**
Record, **188.**
Reenlistments, **182.**
Reexaminations, **192.**
Reports, filed in Surgeon General's office, **193.**
Weight, **180.**
See also A. R. 841–848.
Red-cross Flags:
Dressing stations, **38.**
Reenlistment:
Hospital corps, **156,** A. R. 1398, 1400, 1404.
Register of Patients:
Book of transfer slips, **162.**
Civilians and general prisoners, **160.**
Daily entries, **158.**
Definition, "sick and wounded," **157.**
Excused from duty, **159.**
Retired officers and men, **160.**
Transfer of patients, **161–163.**
Release:
Insane soldiers from hospital, A. R. 473.
Repairs:
Hospitals, report of, **149,** A. R. 1426–1429.
Quarters for hospital stewards, A. R. 1427, 1428.
Reports:
Death of officers, A. R. 81.
Sick and wounded in hospital, **171–174.**
See also A. R. 1464–1466.
Reports, Daily:
Hospital corps, **149.**
Sick and wounded, **149.**
Reports, Monthly:
Examination of recruits, **149.**
Hospital corps, **149.**
Hospital fund, **149.**
Issues and sales of medicines to civilians, **149.**
Meteorological, **149.**
Repairs to quarters, **149.**
Sanitary, **149.**
Sick and wounded, **149.**
Status and duties, **149.**
Reports, Occasional:
Death of officers, **149, 152.**
Desertions, **149.**
Epidemic diseases, **149.**
List of wounded, **149.**
Physicians, **149.**
Record books, **149.**
Reports, Yearly:
Estimates, quarters, **149.**
Medical property, **149.**
Requisitions, Supply Depots:
Record, **155.**
See also *Medical Supplies.*

Restraint Apparatus:
Case, **229.**

Retired Enlisted Men:
Hospital charges, A. R. 1447.
Medical attendance and medicines, A. R. 1451.

Retired Officers:
Medical attendance and medicines, A. R. 1451.

Return to Duty:
Patients in hospital, A. R. 1439.

Returns:
Hospital corps, A. R. 1408.
Hospital fund, **68.**
Medical property, **154.**
Wounded in action, A. R. 1466.

Sales of Public Property:
Hospital, A. R. 1282.
Medical and hospital supplies, A. R. 1444.

Sanitary Reports:
Monthly, **149.**

Savings of Rations:
Sick in hospital, A. R. 300.

Screens, Bed.
See *Bed Screens.*

Screens, Door.
See *Door Screens.*

Screens, Window.
See *Window Screens.*

Seamen:
Admission to hospital and charges, A. R. 1447.

Servants:
Medical attendance and medicines, A. R. 1456.

Sick and Wounded:
Care on march or battlefield, A. R. 1423.
Definition of term, **157.**
Information slips, **156.**
Monthly reports, **149.**
Register in hospital, **158–162.**
Sleeping cars, A. R. 1109.
Transportation, **168, 169,** A. R. 1076.

Sick Call:
Surgeon's, A. R. 1431.

Sick in Hospital:
See *Patients in Hospital.*

Sick, Officers and Men:
Information from records, A. R. 803.

Sick-report Book:
Company, A. R. 264.

Sick Reports:
Classification of causes, **175, 176.**
Register of patients, **157.**

Smallpox:
Report of cases, **173.**

Soap:
Not issued to matrons for laundry, **110.**

Special Regulations:
Army medical school, A. R. 468.

Specifications:
Hospital buildings, A. R. 1425, 1426, 1428.

Spirit Lamps:
Hospital stores not used for, **111.**

Spray-producing Apparatus:
Case, **230.**

Stationery:
In field desk, **275.**
Supply table, **221.**

Stations and Duties:
Monthly report, **149.**

Sterilized Dressing:
To be prepared, not issued, **124.**

Stomach-pump Case:
Contents, **250.**

Sulphate of Iron:
Disinfectant, **121.**

Supplies, Medical:
See *Medical Supplies.*

Supply Depots:
Record books, **155.**
Records and reports, **154.**

Supply Table:
Antiseptics and disinfectants, **218.**
Furniture and bedding, **223.**

Supply Table—Continued.
Hospital stores, **219.**
Medicines, **217.**
Microscopical accessories, **220.**
Miscellaneous, **224.**
Nomenclature for requisitions, **77.**
Stationery, **221.**
Surgical instruments, appliances, dressings, etc., **222.**

Surgeons:
Appointment, qualifications, etc., A. R. 1394.
Chief of departments, A. R. 196, 1408, 1418, 1464–1466.
Promotion, A. R. 22, 1394.
Travel allowances, A. R. 1395.
See also *Chief Surgeons* and *Medical Officers.*

Surgeon's Certificate of Disability:
To be in surgeon's handwriting, **178.**
See also *Certificate of Disability.*

Surgical Appliances:
Damaged or unserviceable, A. R. 1463.
Payment for, supplied to soldiers, A. R. 1456.

Surgical Chest:
Contents, **271.**
Contents not to be used at posts, **126.**
Inspection, **126.**

Surgical Instruments, etc.:
Supply table, **222.**

Surgical Pump:
Parts, **255.**

Tablets:
Composition, **226.**

Thermo-cautery:
Parts, **257.**

Thermometers, Clinical:
See *Clinical Thermometers.*

Tool Chests:
Contents, **267.**

Tooth-extracting Case:
Contents, **251.**

Tourniquet, Field:
Issue and use, **127.**
Loss, **127.**

Transfers:
Field register, **168, 169.**
Hospital corps, A. R. 1403, 1406.

Transportation:
Hospital privates, A. R. 1399.
Wounded in ambulances, **37–39.**

Travel Allowance:
Medical officers, A. R. 1395.

Trephining Case:
Contents, **263.**

Trial Lenses Case:
Contents, **252.**

Trochisci:
See *Tablets.*

Typewriter Machine:
Parts, **258.**
Ribbon, **156.**

Urethral Case:
Contents, **242.**

Vaccination:
Notation on descriptive book, A. R. 105, 264.
Recruits, A. R. 843, 846.
Results, report sick and wounded, **173.**

Vaccine Virus:
Information slips, **156.**
Requisition for and care of, **118.**

Vision Test:
Set, **259.**

Washtubs:
For disinfection of clothing, **114.**

Window Curtains and Fixtures:
Requisitions, **132.**

Window Screens:
Requisitions, **132.**

Wire Netting:
Requisitions, **132.**

Wounded:
Ambulance service, **37, 39.**
List of, **149.**
Returns of, by surgeons, A. R. 1466.
See also *Sick and Wounded.*

Wood's Library:
List of standard medical authors in, **266.**

Yellow Fever:
Reported, **150, 151.**

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